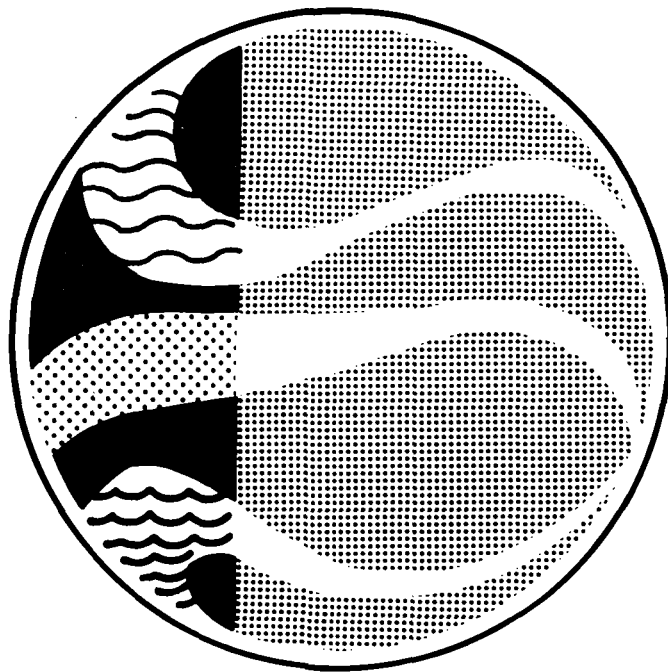


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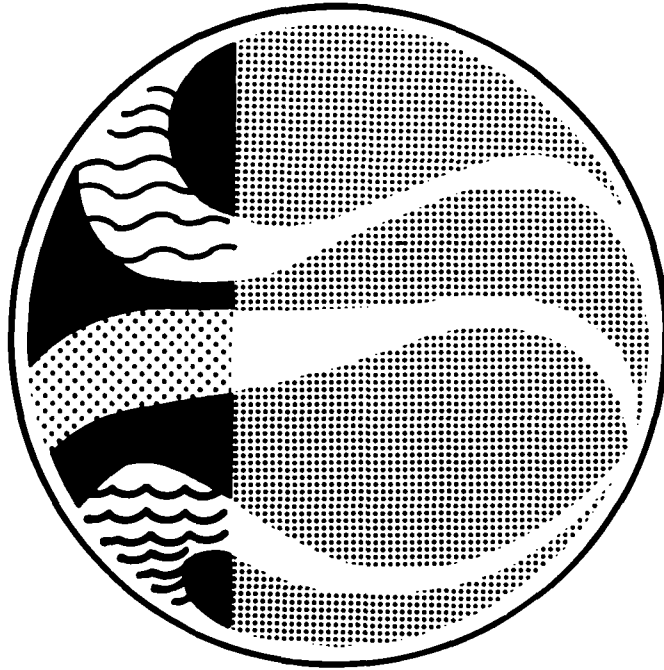
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# HAZARDOUS WASTE MANAGEMENT



 ***Lockheed-California Company***

# HAZARDOUS WASTE MANAGEMENT



**ISSUED  
JULY 1986**

Revision 1, August 1986

 ***Lockheed-California Company***

LOCKHEED-CALIFORNIA COMPANY  
HAZARDOUS WASTE MANAGEMENT  
MANUAL

PREFACE

The management of hazardous waste has become the largest regulatory program ever undertaken by the U.S. Environmental Protection Agency (EPA) and the State Department of Health Services (DOHS).

The policy of the Lockheed-California Company, as stated in Management Directive 167, is to control all phases of our operation to ensure compliance to environmental standards and regulations.

Responsibility for the administration of Calac's Hazardous Waste Management Program has been assigned to the Environmental Engineering Department in the Facilities Engineering Branch.

Organizational Responsibilities in the Hazardous Waste Management Program are delineated in General Procedure 41.

However, it is essential to provide those employees who deal with hazardous wastes on a day-to-day basis with certain basic information to allow them to understand their responsibilities for the lawful handling of those wastes from the time they are generated until they are properly disposed of.

The purpose of this publication is to give the reader an overview of Calac's Hazardous Waste Management Program, information on the types of wastes most commonly encountered at Calac and instructions on the preparation of the various forms used for the documentation and transportation of the wastes.

Questions concerning the handling of hazardous waste materials should be directed to:

ENVIRONMENTAL ENGINEERING DEPARTMENT  
DEPARTMENT 39-03, B/85, P/A-1  
EXTENSION 7-5144

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## INTERDEPARTMENTAL COMMUNICATION


TO DISTRIBUTION DEPT./ ORGN. BLDG./ ZONE PLANT/ FAC. DATE 8-25-86

FROM R. L. Miland DEPT./ ORGN. 39-03 BLDG./ ZONE 85 PLANT/ FAC. A-1 EXT. 7-1402

SUBJECT HAZARDOUS WASTE MANAGEMENT MANUAL - Revision 1, August 1986

In July 1986 the Environmental Engineering Department distributed the revised Hazardous Waste Management Manual. The enclosed represents the first update of the manual. Please remove the affected pages and replace them with the attached revised pages. Changes are highlighted by a revision bar in the left or bottom margin.

Please feel free to contact me should any questions arise.

  
R. L. Miland, Director  
Environmental Affairs

SECTION I  
HAZARDOUS WASTE MANAGEMENT

Introduction

Industrial waste comprises an almost boundless variety of substances, some of which clearly present greater environmental hazards than others. Without question, the volume of nonhazardous waste far outweighs that of hazardous waste. Nonhazardous waste, so long as it is not mixed with hazardous waste, poses no insurmountable environmental problem. Most nonhazardous waste, such as paper, glass, wood, or other common industrial wastes, can be disposed of at a local landfill, or can be incinerated, an increasingly popular form of nonhazardous waste management. Incineration greatly reduces the need for land acquisition by disposal facilities, and in many areas of the country is being used to generate electric power.

But hazardous waste is a different story. It can retain and gain toxic characteristics indefinitely, and under certain conditions, migrate from the spot where it was originally placed.

Properly managed hazardous waste poses little or no threat to the environment. Indiscriminately managed, it can contaminate drinking water, air and soil, and can kill plants, animals and people. The indiscriminate management of hazardous waste is against the law. Violation of the law can lead to severe penalties. Thus it is in everyone's best interest to learn to handle hazardous wastes in a lawful manner.

At Calac, we generate and dispose of hundreds of tons of hazardous waste annually. These waste are produced primarily as a result of the following operations:

- Chemical Processing and Degreasing
- Metal Parts Machining
- Production and Maintenance Painting
- Plastic and Composite Parts Fabrication
- Adhesive Bonding
- Aircraft Fueling
- Materials Research and Testing
- Automotive Repair
- Photo and Graphic Arts

These wastes fall into several categories and because of the characteristics of the materials involved, the quantities in which they are generated and how they are to be transported and disposed of, each category is subject to different handling procedures. Subsequent sections of this manual identify materials in each category and give pertinent information on requirements for their management, transportation and ultimate disposal.

#### A. What is a Hazardous Waste

In general, a substance may be considered waste material when its intended use ends and it begins to be accumulated or stored for subsequent treatment, reclamation, or disposal.

EPA and DOHS guidelines provide specific definitions for hazardous wastes. Hazardous wastes are defined as waste materials that:

- a. Exhibit specific hazardous characteristics (ignitability, corrosivity, reactivity, EP toxicity, as per EPA definition);
- b. Are specifically defined as hazardous wastes per EPA definition (in excess of 400 materials are classified as hazardous waste);
- c. Are mixed with defined hazardous wastes or wastes exhibiting hazardous characteristics; or
- d. Are otherwise capable of causing environmental or health damage if disposed of improperly.

Government publication CFR 40 Part 261 provides additional data pertaining to hazardous waste materials and characteristics.

It is important to understand that a hazardous material which has become unusable because it is out of spec or has been kept beyond its shelf life is not considered to be hazardous waste. If these materials cannot be recertified they may be sent, in their original container, to the Material Sales Yard for resale. Shipments are to comply with applicable regulations regarding the transport of hazardous materials.

#### B. The Waste Management Program

Spent chemical processing solutions, contaminated degreaser solvents, contaminated oils, spent oils, paint stripping rinse waters, and coolants constitute the majority of the liquid wastes generated at Calac.

It is the small quantities of wastes that occur as a result of operations carried on at various locations throughout most of our facilities that are the most difficult to control. This is due to many factors: (1) The number of people that handle the materials; (2) The ease with which they may be mixed with other wastes in the same containers; (3) The inclination of some to dispose of them in the nearest open trench or drain; and (4) A lack of knowledge on the procedures for their proper handling.

The most important element of the program to manage these small quantities of wastes is to establish control of them the moment they begin to accumulate. Therefore, the primary responsibility for establishing the control over these containerized wastes rests with the generating departments. Specifically, generating departments must ensure that wastes be placed in the proper



container/s, and the container/s be labelled to accurately identify the contents. From that time on, no materials other than those identified on the label may be placed in the container/s.

The following guidelines must be followed by all departments generating and handling small quantity wastes which are accumulated in containers:

- o Use containers compatible with the waste to be placed therein.
- o Ensure that containers used for the accumulation of hazardous wastes are kept in areas separate from drums of new or unused materials.
- o Ensure that hazardous waste accumulation areas are identified by line stripes, stencil, and by posted signs.
- o Affix a hazardous waste label to each container. Labels are to be legible and filled out using water insoluble black ink. (Stationary Warehouse Catalogue No. S3041). See Section III for specific instructions on filling out the label.
- o Monitor hazardous waste accumulation areas and the Plant B-1 Waste Transfer Facility to arrange for transportation of containerized waste from waste accumulation areas within 60 days from the accumulation start date, and from the Plant B-1 Waste Transfer Facility within 90 days of the accumulation start date.
- o Ensure that a responsible person representing the generating department is available to assist in the preparation and sign off of the Uniform Hazardous Waste Manifest at the time the waste shipment is picked up by the Transportation Department vehicle.
- o Do not overfill waste containers. Leave 4-5 inches of space in the containers to allow for expansion of waste materials.
- o Immediately clean up any spillage or overflow of waste material.
- o Ensure that containers of flammable liquid wastes are grounded and/or bonded during transfer operations.
- o Send empty containers (less than one inch of product) which formerly contained hazardous materials to the B-1 Waste Transfer Facility. A Uniform Hazardous Waste Manifest must be prepared for shipments of empty containers.
- o Ensure that containers which are to be shipped to the Plant B-1 Waste Transfer Facility are tightly capped or otherwise sealed to prevent spillage.
- o Request the Quality Assurance Test Lab to sample and provide a written report identifying any unknown substances in unidentified containers.

- o Immediately report any spill of hazardous materials to the Fire Protection Duty Captain.

For incidents at Burbank Facilities, Plant 12 or Units, Call 7-3473.

For incidents at Rye Canyon Call 216.

For incidents at Plant 10 or Sites 2 & 7 at A.F. Plant 42, Call 3473.

The Highway Transportation Department is licensed by the California Department of Health Services and the California Department of Motor Vehicles to transport containers of liquid or solid wastes from outlying plants or sites to the Hazardous Waste Facility at Plant B-1. This facility is permitted by the DOHS as an offsite hazardous waste storage and transfer station and is used for interim storage of containerized wastes prior to haul-off to recycling/reclaiming plants or disposal facilities.

Bulk liquid wastes are shipped directly from points of origin or accumulation to recycling/reclaimers or treatment/disposal facilities via licensed waste hauler trucks.

In both cases the contents of the shipments must be clearly identified by labels on the containers and placards on the vehicles. Each shipment must also be accompanied with a Uniform Hazardous Waste Manifest. Complete instructions on the labeling and preparation of Uniform Hazardous Waste Manifests are contained in Section III of this manual.

#### C. Waste Minimization

A comprehensive effort is underway, at the federal and state levels, to limit the types of wastes which may be disposed of by conventional methods such as landfill and surface impoundment and to force greater use of chemical treatment or destruction of hazardous wastes. There are incentives and penalties to assure that industry moves toward these waste minimization technologies.

One of the most effective waste minimization strategies is to recycle or reclaim wastes. Calac currently contracts, on a limited basis, with firms specializing in the reclamation of certain solvents and oils.

In order that greater quantities of liquid waste are suitable for reclaiming it is essential that these liquids be segregated at the point of origin and that generating departments exercise controls to prevent mixing of wastes in containers. For example, solvents should not be mixed with strippers, contaminated hydraulic oils should be accumulated separately from spent coolants and flammable solvents should not be mixed with non-flammable solvents.

Another key element of waste minimization is accurate identification of wastes. This will allow the Reclamation Department to segregate containers of like materials for sale to the appropriate recycling companies.

SECTION II  
HAZARDOUS WASTE DATA SHEETS

Introduction

The hazardous wastes most commonly encountered at Calac have been grouped according to similarity in characteristics and handling requirements. Each group has been assigned a Hazardous Waste Group (HWG) number.

The data sheets describe the materials involved, identify organizations responsible for manifest preparation and requesting transportation, and identify the waste destination.

It is recognized that situations will arise involving materials or special conditions not addressed by any of the following data sheets. In such cases the Environmental Engineering Department must be contacted for information on the proper handling and the disposition of the material (D/39-03, B/85, P/A-1, extension 7-5144). Additional safety and health information regarding hazardous waste is available from the manufacturers Material Safety Data Sheets (MSDS). Contact the Occupational Safety and Health Department for access to Material Safety Data Sheets.

HAZARDOUS WASTE DATA SHEETSI N D E X

<u>CLASSIFICATION</u>	<u>HWG. NO.</u>	<u>PAGE</u>
PROCESS SOLUTIONS		
Production Process Facilities . . . . .	01 . . . . .	2-5
Non-Production Process Facilities . . . . .	02 . . . . .	2-6
Miscellaneous Contaminated Solutions . . . . .	03 . . . . .	2-7
OILS AND FUELS		
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Bulk Quantities . . . . .	05 . . . . .	2-9
DEGREASER SOLVENTS		
Production Degreasing Units . . . . .	06 . . . . .	2-10
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Degreaser Still Bottoms . . . . .	08 . . . . .	2-12
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STRIPPING WASTES		
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CONSTRUCTION WASTES		
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EMPTY CONTAINERS . . . . .	24 . . . . .	2-28
MISCELLANEOUS RESIDUAL LIQUIDS/SLUDGES . . . . .	25 . . . . .	2-29
SPECIALIZED, NON-ROUTINE WASTES . . . . .	26 . . . . .	2-30
MAGNESIUM MACHINE CUTTING CHIPS . . . . .	27 . . . . .	2-31/32

PROCESS SOLUTIONS  
PRODUCTION PROCESS FACILITIES  
HWG. NO. 01

WASTE DESCRIPTION:

Spent or contaminated solutions removed from production processing facility tanks.

HAZARDOUS WASTE LABEL:

Not required since solutions are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, generally completed and signed by a representative of the Quality Assurance Test Lab., must accompany the shipment to a treatment/disposal facility. Manifests for shipments from Building 360 and 371/379 shall be completed by representatives from the Engineering and ADP Departments, respectively. Normally the waste hauler will supply the manifest form. Manifests are available, if needed, from the Stationary Warehouse as form DHS 8022A.

TRANSPORTATION:

Transported by licensed waste haulers under Master Purchase Agreements (MPA's). Hauler shall be called in by Quality Assurance for normally depleted solutions from production process lines or by the Maintenance Departments if tanks must be drained for repair work or in case of emergency. Personnel authorized to request haul off are listed on attachment to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

PROCESS SOLUTIONS  
NON-PRODUCTION PROCESS FACILITIES  
HWG. NO. 02

WASTE DESCRIPTION:

Bulk spent or contaminated solutions removed from non-production processing facility tanks. These facilities are operated by Manufacturing Research, Engineering and Overhaul and Repair Departments.

HAZARDOUS WASTE LABEL:

Not required since solutions are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department must accompany the shipment to a treatment/disposal facility. Normally the waste hauler will supply the manifest form. Manifests are available, if needed, from the Stationary Warehouse as form DHS 8022A.

TRANSPORTATION:

Transported by licensed waste haulers under Master Purchase Agreements (MPA's). Hauler shall be called in by the Generating Departments to remove routinely spent or contaminated solvents. If solvents must be removed to facilitate equipment overhaul or repair the responsible Maintenance Department shall request haul-off. Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

PROCESS SOLUTIONS  
MISCELLANEOUS CONTAMINATED SOLUTIONS  
HWG. NO. 03

WASTE DESCRIPTION:

Bulk miscellaneous contaminated process solutions which have leaked or overflowed from tanks and have collected in sumps, holding pits or other containment structures. This group also includes solutions which must be removed from tanks to facilitate emergency maintenance work such as tank or coil leak repair.

HAZARDOUS WASTE LABEL:

Not required since solutions are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the responsible Maintenance Department, must accompany the waste shipment to a treatment/disposal facility. Normally the waste hauler will supply the manifest form. Manifests are available, if needed, from the Stationary Warehouse as form 8022A.

TRANSPORTATION:

Transported by licensed waste haulers under Master Purchase Agreements (MPA's). Hauler shall be called in by a representative of the responsible Maintenance Department. Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

OILS AND FUELS - CONTAINERIZED  
HWG. NO. 04

WASTE DESCRIPTION:

Contaminated hydraulic oils, lube oils, fuel oils, jet fuels and aviation gas which are accumulated in drums.

HAZARDOUS WASTE LABEL:

A label, filled out by a representative of the Generating Department, must be affixed to each container at the time the waste is first placed therein.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the Stationary Warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry Hazardous Waste.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility. Containers are accumulated and contents sold to Reclaiming/Recycling Facilities.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Oils and fuels are to be collected in separate containers and other contaminated materials must not be placed in these containers. Before requesting haul-off contact the Material Sales Department for a determination if these waste products are reclaimable.



OILS AND FUELS - BULK QUANTITIES  
HWG. NO. 05

WASTE DESCRIPTION:

Bulk quantities of contaminated hydraulic oil, lubricating oils, fuel oils, jet fuels, aviation gas which are accumulated in sumps, holding tanks, berms or oil/water separation clarifiers.

HAZARDOUS WASTE LABEL:

Not required since these substances will not be containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department must accompany shipment to a Reclaiming or Treatment/Disposal Facility. Normally the hauler will provide the manifest form. Manifests are available, if needed, from the Stationary Warehouse as form DHS 8022A.

TRANSPORTATION:

The Material Sales Department will arrange for the sale and transportation of reclaimable materials in this group. If the oils or fuels are not reclaimable the Generating Department shall call in a licensed waste hauler to remove and transport the wastes to a Disposal Facility. This service is performed under Master Purchase Agreements (MPA's). Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Reclaimable oils and fuels will be sent to a Reclaiming Facility. Non-reclaimables are to be transported to a Treatment/Disposal Facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Do not mix other contaminated wastes with these fuels and oils. Before requesting haul-off contact the Material Sales Department for a determination if these waste products are reclaimable.

DEGREASER SOLVENTS  
PRODUCTION DEGREASING UNITS  
HWG. NO. 06

WASTE DESCRIPTION:

Degreaser solvents, in bulk quantities, which are removed from reservoirs of production degreasers. Removal necessitated due to contamination or to facilitate equipment overhaul or repair.

HAZARDOUS WASTE LABEL:

A label is not required since solvents are transferred directly to a waste hauler vacuum truck.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the organization requesting the haul-off of the solvents, must accompany the shipment to a Reclaiming Facility. Normally the waste hauler will supply the manifest form. Manifests are available, if needed, from the Stationary Warehouse as form DHS 8022A.

TRANSPORTATION:

Waste solvents are transported by licensed waste haulers to a Reclaiming Facility under Master Purchase Agreements (MPA's). Hauler shall be called in by the Quality Assurance Test Lab for removal of routinely contaminated solvents or by the responsible Maintenance Department for removal of solvents to facilitate overhaul or repair. Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

These solvents are reclaimable and are to be sent to a Reclaiming Facility. As such, Material Sales should assist in the transaction.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Contaminated degreaser solvents are reclaimable unless mixed with dissimilar wastes. Do not allow other contaminated substances to be placed in the hauler's vacuum truck. Refer to MSDS #3368 (Perchloroethylene), MSDS #3366 (1,1,1, Trichloroethane), and/or the Safety and Health Manual Bulletins D-30 (Perchloroethylene) and D-37 (1,1,1, Trichloroethane) for additional information.

DEGREASER SOLVENTS  
NON-PRODUCTION DEGREASING UNITS  
HWG. NO. 07

WASTE DESCRIPTION:

Degreaser solvents which are removed from small non-production degreasers and accumulated in drums. Examples of these degreasers are those used for cleaning of automotive or office machine parts.

HAZARDOUS WASTE LABEL:

A label, filled out by the Generating Department, must be affixed to each waste solvent container at the time the waste is first placed therein.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry Hazardous Wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility. Drums are accumulated and ultimately sent to a Reclaiming Facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Contaminated degreaser solvents are reclaimable unless mixed with dissimilar wastes. Do not allow other contaminated substances in the solvent accumulation containers. Refer to MSDS #3368 (Perchloroethylene), MSDS #3366 (1,1,1, Trichloroethane), and/or the Safety and Health Manual Bulletins D-30 (Perchloroethylene) and D-37 (1,1,1, Trichloroethane) for additional information.

DEGREASER SOLVENTS  
DEGREASER STILL BOTTOMS  
HWG. NO. 08

WASTE DESCRIPTION:

Contaminated residuals accumulated in degreaser stills which are removed during periodic equipment maintenance operations and placed in containers.

HAZARDOUS WASTE LABEL:

A label, filled out by the responsible Maintenance Department, must be affixed to each container at the time the waste is first placed in the container/s.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the responsible Maintenance Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry Hazardous Wastes.

Transportation shall be requested by the responsible Maintenance Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility. Drums are accumulated and ultimately sent to a Treatment/Disposal Facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Refer to MSDS #3368 (Perchloroethylene), MSDS #3366 (1,1,1, Trichloroethane), and/or the Safety and Health Manual Bulletins D-30 (Perchloroethylene) and D-37 (1,1,1, Trichloroethane) for additional information.

COOLANTS  
HWG. NO. 09

WASTE DESCRIPTION:

Contaminated coolants normally removed from machine reservoirs by maintenance and accumulated in designated underground holding tanks.

HAZARDOUS WASTE LABEL:

Not required since coolants are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the responsible Maintenance Department, must accompany each load of waste shipped off company property. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The responsible Maintenance Department shall call in a licensed waste hauler to remove and transport the waste to a Treatment Facility. This service is performed under Master Purchase Agreements (MPA's). Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Contaminated coolants are hauled to a Treatment Facility for processing to remove water and other contaminants.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Prior to calling in a waste hauler request the Material Sales Department to check the contents of the holding tanks. If sufficient petroleum based oils are present they can be sold to firms who will pump these oils off the top of the heavier water soluble coolants.

SOLVENTS  
HWG. NO. 10

WASTE DESCRIPTION:

Contaminated solvents accumulated in drums. These waste solvents are most commonly generated in paint mix rooms, paint booths and in areas where parts are cleaned and wiped down in preparation for paint or bonding.

HAZARDOUS WASTE LABEL:

A label, filled out by the Generating Department, must be affixed to each waste solvent container at the time the waste is first placed therein.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility. Drums are accumulated and ultimately sent to a Reclaiming Facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Waste solvents are reclaimable if not mixed with dissimilar contaminated materials. Do not place non-solvent wastes in drums used for the accumulation of waste solvents and do not mix different types of waste solvents in the same drum. Refer to the Safety and Health Manual Bulletins C-3 (Storage and Handling of Flammable and Combustible Liquids), C-4 (Solvents), and C-12 (Use of Industrial Solvents) for additional information.

STRIPPING WASTES - CONTAINERIZED  
HWG. NO. 11

WASTE DESCRIPTION:

Stripping wastes, generated as a result of hand stripping operations, which are accumulated in drums.

HAZARDOUS WASTE LABEL:

A label, filled out by the Generating Department, must be affixed to each container at the time the waste are first placed therein.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility where the containers are accumulated prior to final disposition.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

STRIPPING WASTES - BULK QUANTITIES  
HWG. NO. 12

WASTE DESCRIPTION:

Stripping wastes washed with water into waste holding tanks. Bulk quantities of these water/stripper wastes are generated in paint hangars where protective coatings or paints are removed from major assemblies or complete aircraft prior to paint/repaint.

HAZARDOUS WASTE LABEL:

Not required since solutions are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany each load of waste shipped off of company property. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The Generating Department shall call in a licensed waste hauler to remove and ship the wastes to a Waste Disposal Facility. This service is performed under Master Purchase Agreements (MPA's). Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a Treatment/Disposal Facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.



CONSTRUCTION WASTES  
CONTRACTED CONSTRUCTION PROJECTS  
HWG. NO. 13

WASTE DESCRIPTION:

Hazardous debris or liquid wastes generated as a result of contract construction and/or demolition activities. Examples of such wastes are asbestos insulation, scrapped spray booths, processing tanks and ductwork, paint wastes and contaminated solvents.

HAZARDOUS WASTE LABEL:

The contractor shall be responsible for properly filling out and affixing labels to each waste container. The responsible Lockheed Field Engineer will provide the label/s.

UNIFORM HAZARDOUS WASTE MANIFEST:

The responsible Calac Representative shall complete and sign a manifest for each load of waste shipped off company property. The Lockheed-California Company shall be identified on the manifest as the "Generator" and a copy of the manifest, signed by the transporter and the receiving treatment storage or disposal facility shall be returned to the D/39-03 Environmental Engineering Department.

TRANSPORTATION:

Contractor shall contact D/39-03, Environmental Engineering, for approval of selected waste hauler.

DESTINATION: (Interim Storage, Treatment, Disposal)

Contractor shall arrange to have the wastes shipped to a licensed Treatment, Storage or Disposal Facility (TSDF), upon approval from D/39-03, Environmental Engineering Department.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Contractor shall not attempt to torch cut or weld chemical process or waste holding tanks or to remove or repair asbestos insulation without first consulting with Lockheed's Occupational Safety and Health Department.

CONSTRUCTION WASTES  
IN-HOUSE CONSTRUCTION PROJECTS  
HWG. NO. 14

WASTE DESCRIPTION:

Hazardous debris or liquid wastes generated as a result of in-house construction and/or demolition activities. Examples of such wastes are scrapped holding or process tanks with residual chemical deposits, concrete rubble from waste holding tanks or clarifiers.

HAZARDOUS WASTE LABEL:

Not required.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest completed and signed by a representative of the responsible Maintenance Department must accompany each load of waste shipped off company property. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The responsible Maintenance Department shall call in a licensed waste hauler to transport the waste to a Disposal Facility. This service is performed under Master Purchase Agreements (MPA's). Personnel authorized to request haul-off are listed on attachments to the MPA's.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a reclaiming facility or treatment, storage, or disposal facilities, as applicable.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Contact the Occupational Safety and Health Department before torch cutting any chemical process or waste holding tank. Do not attempt to remove or repair asbestos insulation without first contacting the Occupational Safety and Health Department.

FLAMMABLE SOLID WASTES  
HWG. NO. 15

WASTE DESCRIPTION:

Flammable solid wastes such as solvent impregnated wiping rags or kimwipes, empty one gallon or smaller paint cans and paint booth filters.

HAZARDOUS WASTE LABEL:

Not required.

UNIFORM HAZARDOUS WASTE MANIFEST:

A representative from the Maintenance Department at the facility at which these wastes are accumulated shall complete and sign the manifest. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Waste materials in this category are collected in red, 3 cubic yard "Flammable Material" gondolas situated throughout the various plants and sites. When full these gondolas are emptied into 25 cubic yard "Flammable Material" roll-off containers which are picked up by a licensed waste hauler. At Plant B-1 the Reclamation Department shall call for haul-off of the 25 cubic yard containers. At outlying plants the responsible Maintenance Departments shall request haul-off from their respective plants. This service is performed under a Master Purchase Agreement (MPA's). Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

25 cubic yard containers are unloaded at a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Refer to Section D (Chemicals - Specific) in the Safety and Health Manual for additional information.

SPILL CLEANUP WASTE MATERIALS  
HWG. NO. 16

WASTE DESCRIPTION:

Contaminated soil, absorbent materials and/or hazardous liquids collected in drums, dump trucks or vacuum trucks during emergency spill control operations conducted at the site of a spill of hazardous materials.

HAZARDOUS WASTE LABEL:

A label, filled out by a designated member of the chemical spill prevention, control and countermeasures team or the site cleanup contractor will be placed on each container of waste generated during the emergency control and cleanup operations.

UNIFORM HAZARDOUS WASTE MANIFEST:

Manifests will be prepared and signed by a designated member of the Chemical Spill Prevention, Control and Countermeasures Team. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

If site cleanup operations are conducted in-house the wastes will be hauled off by the Traffic and Transportation Department. In the event of a major spill the wastes will be cleaned up and hauled off by a contractor. A designated member of the Chemical Spill Prevention, Control and Countermeasures Team will arrange for transportation.

DESTINATION: (Interim Storage, Treatment, Disposal)

Containerized wastes collected during in-house cleanup operations will be transported to the B-1 Waste Transfer Facility. Large quantities of wastes will be hauled directly to a disposal site by the cleanup contractor.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Refer to Sections C and D in the Safety and Health Manual for additional information.

ASBESTOS  
HWG. NO. 17

WASTE DESCRIPTION:

Asbestos scraps and grinding/cutting dust collected in double plastic bags pre-stenciled for asbestos material.

HAZARDOUS WASTE LABEL:

Not Required.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the treatment/disposal facility.

TRANSPORTATION:

The Generating Department shall call in a licensed waste hauler to remove and ship the wastes to a waste disposal facility. This service is performed under Master Purchase Agreements. Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Asbestos fibers are extremely harmful if inhaled. Therefore, pre-stenciled double plastic bags should be used for collection of asbestos scraps and dust. When bags are full they should be tied closed and deposited in 25 cubic yard roll-off dumpsters for pick-up by licensed waste haulers and transport to the appropriate treatment/disposal facility. Small quantities of asbestos are to be double bagged as described, and deposited in waste containers to be sealed prior to transport to the Plant B-1 Waste Transfer Facility.

ALODINE WASTES - CONTAINERIZED  
HWG. NO. 18

WASTE DESCRIPTION:

Small quantities of alodine and alodine impregnated rags used in touch up or rework operations which are collected in containers.

HAZARDOUS WASTE LABEL:

A label, filled out by the Generating Department, must be affixed to the container at the time the waste is first placed therein. Care should be taken in the selection of the proper container for disposal of the waste.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility. Containers are accumulated and ultimately shipped to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Unused or contaminated alodine solutions and alodine saturated rags shall be segregated from other waste materials and collected in separate containers. In addition to the hazardous waste label the containers are to be labeled or stenciled "Waste Alodine Solution" or "Alodine Saturated Rags." Rags are to be kept damp and collected within plastic bags inside the waste containers. When filled, bags are tied off for deposal inside flammable waste bins. Refer to MSDS #4550 (Alodine 600), #5698 (Alodine 1000), #5322 (Alodine 1200) and #7035 (Alodine 1200S) for additional information.

ALODINE WASTES - BULK QUANTITIES  
HWG. NO. 19

WASTE DESCRIPTION:

Bulk quantities of contaminated alodine/water solutions collected in holding tanks. This type of waste is generated where major realodining of surfaces of major assemblies or complete aircraft is required.

HAZARDOUS WASTE LABEL:

Not required since solutions are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the responsible Maintenance Department, must accompany each load of waste shipped off of company property. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The responsible Maintenance Department shall call in a licensed waste hauler to remove and ship the wastes to a Waste Disposal Facility. This service is performed under Master Purchase Agreements (MPA's). Personnel authorized to request haul-off are listed on attachment to the MPA's.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

| Refer to MSDS #4550 (Alodine 600), #5698 (Alodine 1000), #5322 (Alodine 1200), and #7035 (Alodine 1200S) for additional information.

FILTER CAKE, WASTE/WATER PRETREATMENT  
HWG. NO. 20

WASTE DESCRIPTION:

Filter cake produced by the process of dewatering sludges generated during the chemical pretreatment of process wastewaters.

HAZARDOUS WASTE LABEL:

Not required.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Environmental Engineering Department shall accompany each shipment of the waste material. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Filter cake is collected in special roll-off containers located at each treatment facility. Containers are hauled off by a licensed waste hauler called in by a representative of the Environmental Engineering Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.



WASTE PAINT MATERIALS  
HWG. NO. 21

WASTE DESCRIPTION:

Waste paints accumulated in drums at paint mix rooms or paint booths.

HAZARDOUS WASTE LABEL:

A label, filled out by the Generating Department, must be affixed to each container at the time the waste paints are first placed therein. Care should be taken in the selection of the proper container for disposal of the waste.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility where the containers are accumulated prior to final disposition.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Refer to the Safety and Health Manual Bulletins D-13 (Epoxy Polyamide Paint) and D-32 (Polyurethane Paints) for additional information.

BATTERY ACIDS  
HWG. NO. 22

WASTE DESCRIPTION:

Spent or otherwise unusable battery acids, generated at battery rebuilding or recharging shops, which are accumulated in carboys.

HAZARDOUS WASTE LABEL:

A label, filled out by the Generating Department, must be affixed to each carboy at the time the waste acids are first placed therein.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Carboys are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility where the containers are accumulated prior to final disposition.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Refer to MSDS #4243 (Sulfuric Acid) and the Safety and Health Manual Bulletin D-33 (Sulfuric Acid) for additional information.

PHOTO/GRAPHIC ARTS PROCESSING SOLUTIONS  
HWG. NO. 23

WASTE DESCRIPTION:

Spent or contaminated photographic and graphic arts processing solutions (developers and fixers).

HAZARDOUS WASTE LABEL:

Not required.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest is not required for shipments of small quantities of these solutions from outlying facilities to the Photographic Services Center in Building 32, Plant A-1 for silver recovery. However, a representative of the Plant A-1 Maintenance Department must complete and sign a manifest for each shipment of waste solutions removed from the Building 32 holding tanks and hauled to a Disposal Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Departments generating small quantities of these materials, usually in 5 gallon bottles, shall arrange to have these containers taken to the Photographic Services Department in Building 32, Plant A-1 for processing to reclaim silver. The processed solutions are accumulated in holding tanks. The A-1 Maintenance Department shall request the services of a licensed waste hauler, operating under a Master Purchase Agreement (MPA) to periodically remove and haul-off the tank contents. Personnel authorized to request haul-off are listed on attachments to each MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Waste solutions, removed from the Building 32 holding tanks are transported directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

EMPTY CONTAINERS  
HWG. NO. 24

WASTE DESCRIPTION:

Empty (5 gal. or larger) cans or drums which originally contained hazardous materials such as paints, solvents, strippers, soaps, acids, caustics and oils.

HAZARDOUS WASTE LABEL:

A label, completed by the Generating Department, must be affixed to each empty container describing the hazardous material originally contained therein.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany all shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

Containers are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

Transportation shall be requested by the Generating Department.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility where the containers are accumulated prior to final disposition.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

MISCELLANEOUS RESIDUAL LIQUIDS/SLUDGES  
HWG. NO. 25

WASTE DESCRIPTION:

Contaminated residual liquids and sludges removed from sumps and secondary containment structures. Wastes in this group are contaminated waters collected in open, bermed areas at tanks or barrel storage areas or sludges from steam cleaner and primary retention clarifiers.

HAZARDOUS WASTE LABEL:

Not required since solutions are not containerized.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the responsible Maintenance Department, must accompany each load of waste shipped off of company property. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The responsible Maintenance Department shall call in a licensed waste hauler to remove and ship the wastes to a Waste Disposal Facility. This service is performed under Master Purchase Agreements (MPA's). Personnel authorized to request haul-off are listed on attachment to the MPA's.

DESTINATION: (Interim Storage, Treatment, Disposal)

Wastes are hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

None.

SPECIALIZED NON-ROUTINE WASTES  
HWG. NO. 26

WASTE DESCRIPTION:

Specialized, non-routine wastes normally generated in research or test laboratories consisting of small quantities of bottled or packaged chemicals or waste materials.

HAZARDOUS WASTE LABEL:

Bottles and/or packages of these substances are placed in approved "Lab Pack" drums by the waste hauler. A label, filled out by the Generating Department, must be affixed to these "Lab Pack" drums.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by a representative of the Generating Department, must accompany the waste shipment. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The Occupational Safety and Health Department shall call in a licensed waste hauler to package and ship the waste to a Disposal Facility. This service is performed under a Master Purchase Agreement (MPA). Personnel authorized to request haul-off are listed on attachment to the MPA.

DESTINATION: (Interim Storage, Treatment, Disposal)

Hauled directly to a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Because many of the wastes in this group may be extremely hazardous or toxic contact the Occupational Safety and Health Department for assistance in determining special handling or packaging requirements.

MAGNESIUM MACHINE CUTTING CHIPS  
HWG. NO. 27

WASTE DESCRIPTION:

Magnesium machine cutting chips.

HAZARDOUS WASTE LABEL:

Not required.

UNIFORM HAZARDOUS WASTE MANIFEST:

A manifest, completed and signed by the originating department, must accompany shipments to the B-1 Waste Transfer Facility. Manifests are available, if needed, from the stationary warehouse as form DHS 8022A.

TRANSPORTATION:

The magnesium chip gondolas are transported by the Traffic and Transportation Department using vehicles licensed by the State of California to carry hazardous wastes.

DESTINATION: (Interim Storage, Treatment, Disposal)

Initial destination is the B-1 Waste Transfer Facility where the chips are transferred into large roll-off containers which are ultimately emptied at a treatment/disposal facility.

SPECIAL CONDITIONS OR HANDLING REQUIREMENTS:

Magnesium chips are extremely flammable and they must be placed in the red, 3 cubic yard gondolas provided specifically for the accumulation of these chips. Refer to MSDS #4337 (Magnesium) and to the Safety and Health Manual Bulletin D-23 (Magnesium) for additional information.

SECTION III  
HAZARDOUS WASTE TRANSPORT

Introduction

This section describes Calac procedures for the transportation of hazardous wastes. Departmental responsibilities for the handling and transport of hazardous wastes are summarized in Table A. Specific procedures for the handling of individual hazardous waste groups are presented in greater detail in Section II of this manual. General departmental responsibilities include the following:

- A. Ordering/Maintaining Hazardous Waste Containers
- B. Preparation of Hazardous Waste Labels
- C. Initiation of Waste Transport
- D. Completion of Uniform Hazardous Waste Manifests

The purpose of this section is to provide the information necessary to assist departments in initial handling and arrangement of transportation for hazardous wastes.



#### A. Ordering/Maintaining Hazardous Waste Containers

Containers for waste storage may be requisitioned as needed from Receiving, Stores and Logistic Services (D/54-74, B/85, P/A-1). Requisitioned containers must be approved for and compatible with the particular wastes to be stored therein. Refer to Table A to determine which hazardous waste groups require containerization.

Hazardous waste containers are to be located in designated hazardous waste accumulation areas situated throughout all Calac facilities (identifiable by line stripes and stencil or by posted signs). Waste containers should be segregated from drums containing new or unused materials, and should be palletized and upright at all times. Unsound containers are to be replaced immediately, with the used containers thereafter being treated as hazardous wastes, or placed within sealed recovery drums. Recovery drums are then to be properly labeled and handled as hazardous waste.

#### B. Preparation of Hazardous Waste Labels

Hazardous waste labels are to be attached to containers designed for the collection of hazardous wastes. Labels may be ordered from Non-Productive Stores, D/54-74, B/85, P/A-1. An example of a hazardous waste label is included in this manual as Figure 1. Refer to Table A to determine which hazardous waste groups require hazardous waste labels.

Hazardous waste labels are to be filled out upon initiation of waste storage in containers. Labels must be filled out with water insoluble black ink pens (Stationary Warehouse Catalogue Number S3041), as data may otherwise become illegible. Labels should include the following information:

1. Proper DOT Shipping Name: From Table B. If designations in Table B do not apply, contact Environmental Engineering.
2. UN or NA #: From Table B. (Cross out either "UN" or "NA," whichever designation does not apply).
3. Generator Information: Fill in the Name of the person completing the label, along with the Department, Building, and Plant from which the waste originated, and the Department Phone Number.
4. EPA ID No.: From Table E.
5. EPA Waste No.: From Table B.
6. Accumulation Start Date: Fill in date of initiation of waste storage in the container.
7. Manifest Document No.: Number to be taken from Item A on the Uniform Hazardous Waste Manifest when containers are manifested for transport.

Figure 1  
HAZARDOUS WASTE LABEL

<b>HAZARDOUS WASTE</b>	
FEDERAL LAW PROHIBITS IMPROPER DISPOSAL	
IF FOUND, CONTACT THE NEAREST POLICE, OR PUBLIC SAFETY AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY	
PROPER D.O.T. SHIPPING NAME _____ UN or NA# _____	
GENERATOR INFORMATION: LOCKHEED-CALIFORNIA COMPANY P.O. BOX 551, BURBANK, CA 91520 DEPT. 39-03, BLDG. 85, PLANT A1	
NAME _____	DEPARTMENT: _____
BUILDING: _____	PLANT: _____ PHONE NO.:/ _____
EPA ID NO. _____	EPA WASTE NO. _____
ACCUMULATION START DATE _____	MANIFEST DOCUMENT NO. _____
<b>HANDLE WITH CARE!</b>	
CONTAINS HAZARDOUS OR TOXIC WASTES	

In addition to hazardous waste labels, Department of Transportation regulations require certain hazardous wastes to bear decals identifying particular hazard classes, as follows:

- Corrosive
- Oxidizer
- Flammable Liquid
- Organic Peroxide
- Poison
- Flammable Solid
- Dangerous When Wet

Wastes which require decal designations are listed in Table B. Decals are available from Non Production Stores (D/54-74, B/85, P/A-1), as per Table B.

C. Initiation of Waste Transport

All hazardous waste containers are to be transported from hazardous waste accumulation areas within 60 days of the accumulation start date, and/or be removed from the Plant B-1 Waste Transfer Facility within 90 days of the accumulation start date. Waste accumulation areas are to be monitored at two week intervals, with transport of wastes scheduled to meet this time table. Departments responsible for monitoring waste accumulation areas include:

<u>Department</u>	<u>Area of Responsibility</u>
Inventory Management	Plant B-1 Waste Transfer Facility
Manufacturing	Plant B-1 (excluding Building 199)
	Plant 12
Plant Area Engineering	Plants A-1, C-1, 2 (Rye Canyon)
	Palmdale (Plant 10 and Sites)
	Building 360
ADP	Plant B-6 (excluding Building 360)
	Building 199

Departments responsible for scheduling transport of specific hazardous waste groups, and initial destinations for waste shipments are summarized in Table A. Hazardous waste disposal facilities and waste transport services are referenced in Tables F and G, respectively. Calac employees authorized to request waste transport services from outside contractors are listed in Table H. Calac employees authorized to request waste transport services from the Lockheed Traffic & Transportation Department are designated by supervisory personnel.

Containers to be transported are to be tightly capped or sealed, and are to be double banded together and banded to wooden "drum" pallets, preferably 4 to 6 drums per pallet. Metal or plastic pallets should not be used to transport containers of hazardous waste. Open containers of flammable liquid wastes are to be grounded and/or bonded during collection/consolidation operations. Care should be taken to insure that contents and drum counts of waste shipments are accurately recorded on Hazardous Waste Manifests. Empty containers (less than 1 inch of product) that are marked as returnable to the vendor for refilling are not considered hazardous wastes, and should be transferred to the Plant B-1 Waste Transfer Facility for pickup. Non-returnable empty containers are treated as hazardous wastes, and are to be shipped under manifest to the B-1 Waste Transfer Facility for disposal.

#### D. Completion of Uniform Hazardous Waste Manifests

Shipments of hazardous wastes along public roads require completion of Uniform Hazardous Waste Manifests (available from the Stationary Warehouse as form DHS 8022A). A copy of the Uniform Hazardous Waste Manifest is included in this manual as Figure 2. EPA requirements on the manifest are numbered 1 through 20, of which Lockheed is responsible for filling out numbers 1 through 16. State of California requirements are lettered A through K, of which Lockheed is responsible for completing C, G, H, I, and J.

#### Completion of EPA Requirements

Item 1 Generator's US EPA ID No.: Enter the 12 digit number assigned to your facility, from Table E.

Manifest Document No.: Leave blank

Item 2 Page 1 of : Enter the number 1 unless continuation sheets are used.

Item 3 Generator's Name and Mailing Address: Enter

Lockheed-California Company  
P.O. Box 551, Burbank, CA 91520  
Dept. 39-03, Bldg. 85, Plant A-1

Item 4 Generator's Phone: Enter phone number of an individual who can provide specifics as to content of the waste shipment. Immediately following enter the Department Number, Building, and Plant from which the waste shipment originated.

Item 5 Transporter 1 Company Name: Enter name of company providing the waste transport, from Table G.

Item 6 US EPA ID Number: Enter the 12 digit number assigned to the transporter listed in item 5, from Table G.

Item 7 Transporter 2 Company Name: Leave blank

Item 8 US EPA ID Number: Leave blank

Item 9 Designated Facility Name and Site Address: Enter the company name and site address of the facility receiving the waste shipment, from Table F.

Item 10 US EPA ID Number: Enter the 12 digit number assigned to the facility listed in Item 9, from Table F.

Item 11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number): Enter the information requested:

- From Table B for Containerized/Miscellaneous Wastes

**Figure 2**  
**UNIFORM HAZARDOUS WASTE MANIFEST**

State of California—Health and Welfare Agency

Department of Health Services  
Toxic Substances Control Division  
Sacramento, California

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address						A. State Manifest Document Number <b>86302020</b>			
						B. State Generator's ID			
4. Generator's Phone ( )						C. State Transporter's ID			
5. Transporter 1 Company Name				6. US EPA ID Number		D. Transporter's Phone			
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID			
9. Designated Facility Name and Site Address				10. US EPA ID Number		F. Transporter's Phone			
						G. State Facility's ID			
						H. Facility's Phone			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity	
						No. Type		14. Unit Wt/Vol	
a.									
b.									
c.									
d.									
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional information									
<p><b>16. GENERATOR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.</p> <p>Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.</p>									
Printed/Typed Name					Signature				
					Month Day Year				
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name					Signature				
					Month Day Year				
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name					Signature				
					Month Day Year				
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name					Signature				
					Month Day Year				

86302020

DHS 8022 A (11/85)  
(EPA 8700—22)

White: TSDf SENDS THIS COPY TO DOHS WITHIN 30 DAYS  
To: P.O. Box 3000, Sacramento CA 95812

3-9  
Rev. 1  
Aug/86

**Instructions For Generators****Item 1. Generator's U.S. EPA ID Number-Manifest Document Number**

Enter the generator's U.S. EPA twelve-digit identification number and in the space to the right of this line, enter a five-digit number of your choice.

**Item 2. Page 1 of \_\_\_\_\_**

Enter the total number of pages used to complete this Manifest plus the number of Continuation Sheets, if any.

**Item 3. Generator's Name and Mailing Address**

Enter the name and mailing address of the generator. The address should be the location that will manage the returned Manifest forms.

**Item 4. Generator's Phone Number**

Enter a telephone number where an authorized agent of the generator may be reached in the event of an emergency.

**Item 5. Transporter 1 Company Name**

Enter the company name of the first transporter who will transport the waste.

**Item 6. U.S. EPA ID Number**

Enter the U.S. EPA twelve-digit identification number of the first transporter identified in Item 5.

**Item 7. Transporter 2 Company Name**

If applicable, enter the company name of the second transporter who will transport the waste. If more than two transporters are used to transport the waste, use a Continuation Sheet(s) and list the transporters in the order they will be transporting the waste.

**Item 8. U.S. EPA ID Number**

If applicable, enter the U.S. EPA twelve-digit identification number of the second transporter identified in Item 7.

**Item 9. Designated Facility Name and Site Address**

Enter the company name and site address of the facility designated to receive the waste listed on this Manifest. The address must be the site address which may differ from the company mailing address.

**Item 10. U.S. EPA ID Number**

Enter the U.S. EPA twelve-digit identification number of the designated facility identified in Item 9.

**Item 11. U.S. DOT Description**

Enter the U.S. DOT Proper Shipping Name, Hazard Class, and ID Number (UN/NA) for each waste as identified in 49 CFR 171 through 177.

**Item 12. Containers (No. and Type)**

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

**Table I — Types of Containers**

DM = Metal drums, barrels, kegs  
DW = Wooden drums, barrels, kegs  
DF = Fiberboard or plastic drums, barrels, kegs  
TP = Tanks, portable  
TT = Cargo tanks (tank trucks)  
TC = Tank cars  
DT = Dump truck  
CY = Cylinders  
CM = Metal boxes, cartons, cases (including roll-offs)  
CW = Wooden boxes, cartons, cases  
CF = Fiber or plastic boxes, cartons, cases  
BA = Burlap, cloth, paper or plastic bags

**Item 13. Total Quantity**

Enter the total quantity of waste described on each line.

**Item 14. Unit (Wt./Vol.)**

Enter the appropriate abbreviation from Table II (below) for the unit of measure.

**Table II — Units of Measure**

G = Gallons (liquids only)  
P = Pounds  
T = Tons (2000 lbs.)  
Y = Cubic yards  
L = Liters (liquids only)  
K = Kilograms  
M = Metric tons (1000 kg)  
N = Cubic meters

**Item 15. Special Handling Instructions and Additional Information**

Generators may use this space to indicate special transportation, treatment, storage, or disposal information or Bill of Lading information. For international shipments, generators must enter in this space the point of departure (City and State) for those shipments destined for treatment, storage, or disposal outside the jurisdiction of the United States.

**Item 16. Generator's Certification**

The generator must read, sign (by hand), and date the certification statement. If a mode other than highway is used, the word "highway" should be lined out and the appropriate mode (rail, water, or air) inserted in the space below. If another mode in addition to the highway mode is used, enter the appropriate additional mode (e.g., and rail) in the space below.

**Instructions For Transporters****Item 17. Transporter 1 Acknowledgement of Receipt of Materials**

Enter the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the Manifest by signing and entering the date of receipt.

**Item 18. Transporter 2 Acknowledgement of Receipt of Materials**

Enter, if applicable, the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the Manifest by signing and entering the date of receipt.

**Note — International Shipments — Transporter Responsibilities.**

**Exports** — Transporters must sign and enter the date the waste left the United States in item 15 of Form 8700-22.

**Imports** — Shipments of hazardous waste regulated by RCRA and transported into the United States from another country must upon entry be accompanied by the U.S. EPA Uniform Hazardous Waste Manifest. Transporters who transport hazardous waste into the United States from another country are responsible for completing the Manifest (40 CFR 263.10(c)(1)).

**Instructions for Owners or Operators of Treatment, Storage, or Disposal Facilities:****Item 19. Discrepancy Indication Space**

Refer to 40 CFR 264.72 and 265.72 for help in completing this part. In this space you must note any significant discrepancy between the waste described on the manifest and the waste you actually received. If you cannot resolve significant discrepancy within 45 days of receiving the waste, you must submit a letter to your DHS Regional Administrator describing the discrepancy and your attempts to reconcile it. A copy of the manifest at issue must be enclosed with the letter.

**Item 20. Facility Owner or Operator:**

Certification of Receipt of Hazardous Materials Covered by This Manifest Except as Noted in Item 19

Print or type the name of the person accepting the waste on behalf of the owner or operator of the facility. That person must acknowledge acceptance of the waste described on the Manifest by signing and entering the date of receipt.

**CALIFORNIA REQUIRED ITEMS**

C. State Transporter's ID  
Generator — Enter the certificate of compliance number of the vehicle used to transport the hazardous waste.

E. State Transporter's ID  
If applicable, enter the certificate of compliance number of the second vehicle used to transport the hazardous waste.

G. State Facility's ID  
Operator of TSDF — Enter EPA ID number.

I. Waste Number  
Generator — Enter waste category number. Select appropriate number from Table III. Review entire table before selecting a number. Do not fill in handling code(s).

J. Additional Descriptions For Materials Listed Above

Generator — Enter chemical composition for each waste category. List components corresponding to the waste category entered.

K. Handling Codes for Wastes Listed Above  
Operator of TSDF — Enter waste handling code(s). Select appropriate code(s) from Table IV.

**Restricted Wastes**

711. Liquids with cyanides  $\geq 1000$  Mg./L.  
721. Liquids with arsenic  $\geq 500$  Mg./L.  
722. Liquids with cadmium  $\geq 100$  Mg./L.  
723. Liquids with chromium (VI)  $\geq 500$  Mg./L.  
724. Liquids with lead  $\geq 500$  Mg./L.

**Table III**

725. Liquids with mercury  $\geq 20$  Mg./L.  
726. Liquids with nickel  $\geq 134$  Mg./L.  
727. Liquids with selenium  $\geq 100$  Mg./L.  
728. Liquids with thallium  $\geq 130$  Mg./L.  
731. Liquids with polychlorinated biphenyls  $\geq 50$  Mg./L.

741. Liquids with halogenated organic compounds  $\geq 1000$  Mg./L.  
751. Solids or sludges with halogenated organic compounds  $\geq 1000$  Mg./Kg.  
791. Liquids with pH  $\leq 2$ .

**Nonrestricted Wastes****Inorganics**

111. Acid solution ( $2 < \text{pH} < 7$ ) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)  
112. Acid solution without metals  
113. Unspecified acid solution  
121. Alkaline solution ( $\text{pH} \geq 12.5$ ) with metals (see 111.)  
122. Alkaline solution without metals  
123. Unspecified alkaline solution  
131. Aqueous solution ( $2 < \text{pH} < 12.5$ ) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)  
132. Aqueous solution with metals (see 111.)  
133. Aqueous solution with total organic residues 10 percent or more  
134. Aqueous solution with total organic residues less than 10 percent  
135. Unspecified aqueous solution  
141. Off-specification, aged, or surplus inorganics  
151. Asbestos-containing waste  
161. FCC waste  
162. Other spent catalyst  
171. Metal sludge (see 111.)  
172. Metal dust (see 111.) and machining waste

**181. Other inorganic solid waste****Organics**

211. Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)  
212. Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
213. Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
214. Unspecified solvent mixture  
221. Waste oil and mixed oil  
222. Oil/water separation sludge  
223. Unspecified oil-containing waste  
231. Pesticide rinse water  
232. Pesticides and other waste associated with pesticide production  
241. Tank bottom waste  
251. Still bottoms with halogenated organics  
252. Other still bottom waste  
261. Polychlorinated biphenyls and material containing PCBs  
271. Organic monomer waste (includes unreacted resins)  
272. Polymeric resin waste  
281. Adhesives  
291. Latex waste  
311. Pharmaceutical waste  
321. Sewage sludge  
322. Biological waste other than sewage sludge  
331. Off-specification, aged, or surplus organics

341. Organic liquids (nonsolvents) with halogens  
342. Organic liquids with metals (see 111.)  
343. Unspecified organic liquid mixture  
351. Organic solids with halogens  
352. Other organic solids

**Sludges**

411. Alum and gypsum sludge  
421. Lime sludge  
431. Phosphate sludge  
441. Sulfur sludge  
451. Degreasing sludge  
461. Paint sludge  
471. Paper sludge/pulp  
481. Tetraethyl lead sludge  
491. Unspecified sludge waste

**Miscellaneous**

511. Empty pesticide containers 30 gal. or more  
512. Other empty containers 30 gallons or more  
513. Empty containers less than 30 gallons  
521. Drilling Mud  
531. Chemical toilet waste  
541. Photochemicals/photoprocessing waste  
551. Laboratory waste chemicals  
561. Detergent and soap  
571. Fly ash, bottom ash, and retort ash  
581. Gas scrubber waste  
591. Baghouse waste  
611. Contaminated soil  
612. Household wastes

**Table IV**

- 01 Recycle (R01)  
02 Injection Well (D79)  
03 Landfill (D80)  
04 Land Application (D81)  
05 Ocean Disposal (D82)  
06 Surface Impoundment (D83)  
07 Thermal Treatment (T03)  
    (include incineration)  
08 Neutralization (T31)  
09 Filtration (T47)  
10 Stabilization Pond (T76)  
14 Transfer Station (H01)  
15 Tank Treatment (T01)  
16 Treatment Pond (T02)  
99 Other (D99)

- From Table C for waste from Chemical Process Tanks
  - From Table D for waste from Sumps, Pits, Holding and Storage facilities.
- Item 12 Containers: Enter the number of containers for each waste and the appropriate abbreviation from Table I on the back of the Hazardous Waste Manifest for the type of container (i.e., "005/DM" refers to 5 metal drums).
- Item 13 Total Quantity: Enter quantity for each waste listed, with respect to the unit wt/vol. designation selected from Item 14.
- Item 14 Unit Wt/Vol.: Refer to Table II on the back of the Uniform Hazardous Waste Manifest for weight/volume designations.
- Item 15 Special Handling Instructions and Additional Information: Indicate special storage, transport, disposal, or safety procedures required (Gloves, Safety Glasses, Fire Dept. standby, etc.). Also enter waste stream numbers and EPA waste numbers, if any, for each waste listed, from:
- Table B for Containerized/Miscellaneous Wastes
  - Table C for waste from Chemical Process Tanks
  - Table D for waste from Sumps, Pits, Holding and Storage facilities.
- Item 16 Generator's Certification: Individuals authorized to sign Hazardous Wastes Manifests are designated by supervision personnel. No other individuals may sign Hazardous Waste Manifests. Both E.P.A. and State of California requirements must be completed prior to signature.

#### Completion of State of California Requirements

- Item C State Transporter's ID: Enter the certificate of compliance number on the vehicle transporting the waste (i.e, the number displayed on the tank of the tanker truck, etc.). Ask driver for assistance, if necessary.
- Item G State Facility's ID: Enter the waste disposal facility ID number (same entry as EPA Item 10).
- Item H Facility's Phone: Enter phone number of the treatment, storage and disposal facility receiving the shipment, from Table F.
- Item I Waste No.: Enter the waste number from the applicable table:
- Table B for Containerized/Miscellaneous Wastes

- Table C for waste from Chemical Process Tanks
- Table D for waste from Sumps, Pits, Holding and Storage facilities.

Item J Additional Descriptions for Material Listed Above: Enter chemical compositions for each waste listed, from:

- Table B for Containerized/Miscellaneous Wastes
- Table C for waste from Chemical Process Tanks
- Table D for waste from Sumps, Pits, Holding and Storage facilities.

#### Distribution of Manifest Copies

Upon completion of the Uniform Hazardous Waste Manifest, the six copies contained therein are ready for routing. Distribution of copies is dependent upon the type of shipment undertaken, as follows:

1. Intra-Plant Shipments - Hazardous waste transport from Plant B-1 to the Plant B-1 Waste Transfer Facility.

NOTE: Hazardous Waste Manifests for intra-plant shipments are to carry the designation, "In-House" written in above the form title. Under no circumstances are manifest copies to be forwarded offsite.

2. Inter-Plant Shipments - Hazardous waste transport from outlying facilities to the Plant B-1 Waste Transfer Facility.
3. Off-Site Shipments - Hazardous waste transport from Calac facilities to offsite destinations.

Table I describes the distribution of Uniform Hazardous Waste Manifest copies for these three types of shipments.



TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Acetone	3	Waste, Acetone	Flammable Liquid	UN 1090	EPA Waste No. U002	212	
Acid, Liquid	1	Waste, Acid, Liquid, n.o.s.	Corrosive Material	NA 1760	EPA Waste No. D002	113	
Alkaline, Liquid	1	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA 1719	EPA Waste No. D002	123	
Alodine, Liquid (600, 1000, 1200, 1200S)	1	Waste, Chromic Acid, Solution RQ	Corrosive Material	UN 1755	EPA Waste No. D002	113	
Asbestos		Waste, Asbestos, RQ	ORM-C		EPA Waste No. U013	151	
Battery, Wet, Filled With Acid	1	Waste, Battery, Wet, Filled With Acid	Corrosive Material	UN 2794	EPA Waste No. D002	151	
Battery, Wet, Filled With Alkali	1	Waste, Battery, Wet, Filled With Alkali	Corrosive Material	UN 2795	EPA Waste No. D002	121	
Battery Fluid, Acid	1	Waste, Battery Fluid, Acid	Corrosive Material	UN 2796	EPA Waste No. D002	111	

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TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Battery Fluid, Alkali	1	Waste, Battery Fluid, Alkali	Corrosive Material	UN 2797	EPA Waste No. D002	111	
Benzoyl Peroxide	4	Waste, Benzoyl Peroxide	Organic Peroxide	NA 2085	EPA Waste No. D003	343	
Chromic Acid	2	Waste, Chromic Acid, Solid	Oxidizer	NA 1463	EPA Waste No. U032	181	
Chromium and Other Metallic Hydroxide Sludge		Waste, Hazardous Substance Liquid, n.o.s.	ORM-E	NA 9188	EPA Waste No. F006	171	
Coolant		Waste, Hazardous Substance Liquid, n.o.s.	ORM-E	NA 9188		223	
Cyanide	5	Waste, Cyanide Solutions, n.o.s., RQ	Poison B	UN 1935	EPA Waste No. P030	131	
Epoxy With Applicator (Green Room)	3	Waste, Resin Solution	Flammable Liquid	UN 1866	EPA Waste No. D001	271	

\*See Page 3-22

TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION		
					WASTE NO.	ADDITIONAL DESCRIPTIONS	
Flammable Liquid	3	Waste, Flammable Liquid, n.o.s.	Flammable Liquid	UN 1993	EPA Waste No. D001	214	
Flammable Liquid, Poisonous	3-5	Waste, Flammable Liquid Poisonous, n.o.s.	Flammable Liquid	UN 1992	EPA Waste No. D001	214	
Flammable Solid	6	Waste, Flammable Solid, n.o.s.	Flammable Solid	UN 1325	EPA Waste No. D001	352	
Freon		Waste, Refrigerant Gas, n.o.s.	Nonflammable Gas	UN 1078			
Freon Contaminated Equipment & Containers		Waste, Refrigerant Gas, n.o.s.	Nonflammable Gas	UN 1078			
Fuel Oil		Waste, Fuel Oil	Combustible Liquid	NA 1993	EPA Waste No. D001	221	
Gasoline	3	Waste, Gasoline	Flammable Liquid	UN 1203	EPA Waste No. D001	221	

TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Hazardous Substance, Liquid		Waste, Hazardous Substance, Liquid n.o.s.	ORM-E	NA 9188		343	
Hazardous Substance, Solid		Waste, Hazardous Substance, Solid, n.o.s.	ORM-E	NA 9188		352	
Hydraulic Oil		Hazardous Waste, Liquid, n.o.s. (Hydraulic Oil)	ORM-E	NA 9189	EPA Waste No. D001	221	
Isopropanol	3	Waste Isopropanol	Flammable Liquid	UN 1219	EPA Waste No. D001	212	
J.P. Fuel		Waste, Fuel, Aviation, Turbine Engine	Combustible Liquid	UN 1863		221	
Kerosene		Waste, Kerosene	Combustible Liquid	UN 1223		213	

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TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Magnesium Scrap	6-7	Waste, Magnesium Metal	Flammable Solid	UN 1869	EPA Waste No. D001	172	
Titanium Scrap		Hazardous Waste, Solid, n.o.s.	ORM-E	NA 9189	EPA Waste No. D001	172	
Methyl Isobutyl Ketone (MIBK or Hexanone)	3	Waste, Flammable, Liquid	Flammable Liquid	UN 1993	EPA Waste No. U161	212	
Methyl Ethyl Ketone	3	Waste, Methyl Ethyl Ketone	Flammable Liquid	UN 1193	EPA Waste No. U159	212	
Methylene Chloride		Waste, Dichloromethane	ORM-A	UN 1593	EPA Waste No. U080	211	
Naphtha	3	Waste, Naphtha	Flammable Liquid	UN 2553	EPA Waste No. D001	213	
Naphtha (Stoddard Solvent)		Waste, Naphtha	Combustible Liquid	NA 2553		213	

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TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Waste Oils		Waste, Oil, n.o.s.	Combustible Liquid	NA 1270	EPA Waste No. D001	213	
Paint	3	Waste, Paint	Flammable Liquid	UN 1263	EPA Waste No. D001	461	
Paint		Waste, Paint	Combustible Liquid	UN 1263		461	
Paint Stripping Material (Overhaul & Repair)	1	Waste, Paint Related Material	Corrosive Material	NA 1760	EPA Waste No. D002	461	
Paint Stripper	1	Waste, Paint Related Material	Corrosive Material	NA 1760	EPA Waste No. D002	461	
Mixed Solvents	3	Waste, Paint Related Material	Flammable Liquid	NA 1263	EPA Waste No. D001	461	
Paint Related Material		Waste, Paint Related Material	Combustible Liquid	NA 1263		461	
Perchloroethylene		Waste, Perchloroethylene	ORM-A	UN 1897	EPA Waste No. U210	211	

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NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

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TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS *	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Saturated Sweeping Compounds		Hazardous Waste, Solid, n.o.s.	ORM-E	NA 9189		352	
Sodium Hydroxide	1	Waste, Sodium Hydroxide Dry Solid, Flake, Bead, or Granular	Corrosive Material	UN 1823	EPA Waste No. D002	181	
Sodium Metabisulfite		Waste, Sodium Metabisulfite	ORM-B	NA 2693	EPA Waste No. D002	123	
Tetrachloroethylene		Waste, Tetrachloroethylene, RQ	ORM-A	UN 1897	EPA Waste No. U210	211	
Toluene	1	Waste, Toluene	Flammable Liquid	UN 1294	EPA Waste No. U220	212	
1-1-1 Trichloroethane		Waste, 1-1-1 Trichloroethane	ORM-A	UN 2831	EPA Waste No. U226	211	

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TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

NOTE: U.S. DOT shipping names carrying the abbreviation "n.o.s.," require general descriptions of the materials being shipped

WASTE MANIFEST ITEM NUMBER:		11	11	11	15	I	J
CALAC WASTE DESIGNATIONS	U.S. DOT LABELING REQUIREMENTS*	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NO.	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NO.	ADDITIONAL DESCRIPTIONS
Waxy Solid With Flux and Solder (Green Room)		Hazardous Waste, Solid, n.o.s.	ORM-E	NA 9189		181	

TABLE B  
HAZARDOUS WASTE MANIFEST DATA  
CONTAINERIZED/MISCELLANEOUS WASTES (CONT'D)

Hazardous wastes with U.S. DOT Labeling Requirement Numerical Designations must bear the following DOT specific decals on waste containers:

		NON-PRODUCTIVE STORES CONTROL CODE NUMBER		
<u>DECAL</u>	<u>COLOR</u>	<u>SIZE</u>		
1 Corrosive (8)	Black on White	4" x 4"	NP3-100-500-004	
2 Oxidizer (5)	Black on Yellow	4" x 4"	NP3-100-500-025	
3 Flammable Liquid (3)	Black on Red	4" x 4"	NP3-100-500-013	
4 Organic Peroxide	Black on Yellow	4" x 4"	NP3-100-500-024	
5 Poison	Black on White	4" x 4"	NP3-100-500-028	
6 Flammable Solid	Black on Red and White	4" x 4"	NP3-100-500-015	
7 Dangerous When Wet	White on Blue	4" x 4"	NP3-100-500-006	

TABLE C  
HAZARDOUS WASTE MANIFEST DATA

CHEMICAL PROCESS TANK

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TABLE C  
PLANT A-1, BUILDING 68 PROCESS TANKS NORTH MEZZ  
NAMEPLATE, DECAL AND CHART, SHOP & D/15-20 DEGREASER

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Electro Chemical Etch	50	Waste, Chromic Acid Solution	Corrosive Material	UN-1755	EPA Waste No. U032	132	Chromic Acid 5.00 to 7.60 %/WT
Etch	135	Waste, Hydrofluoric Acid Solution, RQ	Corrosive	UN-1790	Extremely Hazardous Waste No. 3-8411 EPA Waste No. U134	111	Hydrofluoric Acid 10.80 to 12.25 %/WT
Foot Foil	25	Waste, Trichloro- ethylene	ORM-A	UN-1710	Reclaimable EPA Waste No. U228	211	Trichloroethylene 99.00 to 100.00 %/WT
Caustic Etch	25	Waste, Alkaline Liquid n.o.s.	Corrosive Material	NA-1719	EPA Waste No. D002	121	Sodium Hydroxide 10.00 to 12.00 %/WT
Emulsion Cleaner Upper Layer	15	Waste, Alkaline Liquid n.o.s.	Corrosive Material	NA-1719	EPA Waste No. D002	121	Sodium Hydroxide 10.00 to 12.00 %/WT
Lower Layer		Waste, Trichloro- ethylene	ORM-A	UN-1710	EPA Waste No. U228	211	Trichloroethylene 99.00 to 100.00 %/WT

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TABLE C  
 PLANT A-1, BUILDING 68 PROCESS TANKS NORTH MEZZ  
 NAMEPLATE, DECAL AND CHART, SHOP & D/15-20 DEGREASER (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
D-15/20 Degreaser		Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. U210	211	Perchloroethylene 90.00 to 100.00 %/WT

TABLE C  
PLANT A-1, BUILDING 69 PROCESS TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Spotweld Area</u>							
Low Temp Cleaner	1,548	Waste, Hazardous Liquid n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC (Sodium Tetraborate) 2.90 to 3.90 %/WT
Deoxidizer Etch	2,888	Waste, Acid Liquid n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.25	111	Diversey 514 (Sodium Bisulfate) Chromic Acid 8.25 to 13.00 0.60 to 1.80 %/WT
Acid Activate	145	Waste, Hydrofluoric Acid Solution, RQ	Corrosive Material	UN-1790	Extremely Hazardous Waste No. 3-8411 EPA Waste No. U134	111	Hydrofluoric Acid 1.10 to 1.90 %/WT
Passive	221	Waste, Chromic Acid Solution	Corrosive Material	UN-1755	EPA Waste No. U032	132	Chromic Acid 5.00 to 7.60 %/WT

TABLE C  
PLANT A-1, BUILDING 69 PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Degreasers</u>							
Bldg. 69	200	Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. U210	211	Perchloroethylene 90.00 to 100.00 %/WT
Bldg. 93	2,000	Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. U210	211	Perchloroethylene 90.00 to 100.00 %/WT

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TABLE C  
PLANT B-1, BUILDINGS 110 AND 111 PROCESS TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 111</u>							
Alkaline Cleaner	3,351	Hazardous Waste, Liquid n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC 2.90 to 3.90 %/WT (Sodium Tetraborate)
Deoxidizer	3,351	Waste, Acid Liquid n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.1	111	Chromic Acid 0.60 to 1.80 %/WT Oakite-34 9.00 to 12.70 %/WT (Flouride Salt, Sodium Bisulfate)
Alkaline Etch	3,351	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA-1719	EPA Waste No. D002 IT Waste Stream No. 4555.4 Casmalia Waste Stream No. WAN 0375	121	Sodium Hydroxide 0.70 to 1.00 %/WT Sodium Gluconate 0.02 to 0.05 %/WT
Sulfuric Anodize	3,351	Waste, Sul- furic Acid, Spent, RQ	Corrosive Material	UN-1832	EPA Waste No. D002 IT Waste Stream No. 4555.5	111	Sulfuric Acid 13.00 to 15.00 %/WT



TABLE C  
PLANT B-1, BUILDINGS 110 AND 111 PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Neutralize	4,398	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Casmalia Waste Stream No. WAN 0376	122	Sodium Bicarbonate 3.96 to 5.37 %/WT Sodium Dichromate 100.0 to 300.0 PPM
Dichromate Seal	4,398	Waste, Sodium Dichromate	ORM-A	NA-1479	IT Waste Stream No. 4555.3	111	Sodium Dichromate 3.96 to 5.39 %/WT
<u>Bldg. 110</u>							
Degreaser	200	Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. U210	211	Perchloroethylene 90.00 to 100.00 %/WT

TABLE C  
PLANT B-1, BUILDING 112

Waste Manifest Item #		11	11	11	15	I	J		
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS		
Alkaline Etch	1,923	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA-1719	EPA Waste No. D002 IT Waste Stream No. 4555.4 Casmalia Waste Stream No. WAN 0375	121	Sodium Hydroxide Sodium Gluconate	0.70 to 1.00 0.02 to 0.05	%/WT %/WT
Deoxidizer	2,042	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.1	111	Chromic Acid Oakite-34 (Flouride Salt, Sodium Bisulfate)	0.60 to 1.80 9.00 to 12.70	%/WT %/WT
Chemical Film	1,923	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA No. U032 IT Waste Stream No. 4555.9	111	Chromic Acid Alodine 1200S (Sodium Flouborate)	0.41 to 0.62 0.75 to 1.10	%/WT %/WT
Chemical Film	2,782	Waste, Acid Liquid,	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.23	111	Chromic Acid Alodine 600 (Sodium Fluoborate)	0.41 to 0.62 0.75 to 1.10	%/WT %/WT

TABLE C  
PLANT B-1, BUILDING 112 (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Alkaline Cleaner Aluminum	1,832	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC (Sodium Tetraborate) 2.90 to 3.90 %/WT
Alkaline Cleaner Titanium	1,570	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	UN-1719	EPA Waste No. D002 IT Waste Stream No. 4555.8 Casmalia Waste Stream No. WAN 0378	122	Nu-vat Cleaner (Sodium Hydroxide) 5.70 to 10.70 %/WT
Titanium Pickle	1,977	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. D002 IT Waste Stream No. 4555.7	111	Nitric Acid Hydroflouric Acid 24.60 to 31.90 1.50 to 2.00 %/WT
Passivate	1,832	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.6	112	Nitric Acid 26.00 to 36.00 %/WT

TABLE C  
PLANT B-1, BUILDINGS 113 AND 175 PROCESS TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg 113</u>							
Alkaline Cleaner	19,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	120	Turco 4215 LTNC 2.90 to 4.30 (Sodium Tetraborate) %/WT
Chromic Acid Anodize	19,000	Waste, Chromic Acid Solution, RQ	Corrosive Material	UN-1755	EPA Waste No. U032 IT Waste Stream No. 4555.20	132	Chromic Acid 4.80 to 9.30 %/WT
Metal Bond Etch	19,000	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.19	111	Sodium Dichromate 2.60 to 5.00 %/WT Sulfuric Acid 21.00 to 24.30 %/WT
<u>Bldg. 175 - Pre-Bond Cleaning</u>							
Alkaline Cleaner Aluminum	1,621	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	123	Turco 4215 LTNC 2.90 to 3.90 Cleaner (Sodium Tetraborate) %/WT

TABLE C  
PLANT B-1, BUILDINGS 113 AND 175 PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J		
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS		
Stainless Steel Pre- Bond Cleaner	1,621	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.21	123	Pre-Bond 700	6.30 to 7.70	%/WT
Acid Etch	1,766	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.18	111	Sodium Dichromate Sulfuric Acid	1.95 to 2.20 18.80 to 22.20	%/WT %/WT
Degreaser	1,000	Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. U210	211	Perchloroethylene	90 to 100	%/WT
Weld Bond Etch	187	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.19	111	Sodium Dichromate Sulfuric Acid Ammonium Bifluoride	3.30 to 4.60 6.50 to 8.50 0.07 to 0.14	%/WT %/WT %/WT
Chromic Acid Anodize	1,833	Waste, Chromic Acid Solution, RQ	Corrosive Material	UN-1755	EPA Waste No. U032 IT Waste Stream No. 4555.20	132	Chromic Acid	4.80 to 9.30	%/WT

TABLE C  
PLANT B-1, BUILDING 140B PROCESS TANKS

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Alkaline Cleaner	547	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	UN-1719	EPA Waste No. D002 IT Waste Stream No. 4555.8 Casmalia Waste Stream No. WAN 0378	122	Nu-Vat Cleaner (Sodium Hydroxide) 5.7 to 10.7 %/WT
Stainless Steel Pickle	547	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. D002 IT Waste Stream No. 4555.12	111	Nitric Acid Hydrofluoric Acid 22.7 to 29.5 2.58 to 3.44 %/WT
Passivate	253	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.10	112	Nitric Acid 26 to 36 %/WT
Electrolytic Cleaner	523	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA-1719	IT Waste Stream No. 4555.16 Casmalia Waste Stream No. WAN 0379	121	Diversey 12 Cleaner (Sodium Hydroxide) 3.8 to 5.7 %/WT

TABLE C  
PLANT B-1, BUILDING 140B PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I.	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Acid Activate	121	Waste, Hydrochloric Acid	Corrosive Material	UN-1789	EPA Waste No. D002 IT Waste Stream No. 4555.13	111	Hydrochloric Acid 15 to 30 %/WT
Copper Brightener	60	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002	111	Sulfuric Acid 63 to 67 %/WT Nitric Acid 10.5 to 17.0 %/WT Hydrochloric Acid 0.1 to 0.2 %/WT
Cadmium Plate	1,794	Waste, Sodium Cyanide, RQ	Poison B	UN-1689	Extremely Hazardous Waste No. 3-8411 EPA Waste No. P030	131	Sodium Cyanide 8.37 to 9.86 %/WT Cadmium 1.35 to 2.62 %/WT
Cadmium Plate I.D.	368	Waste, Sodium Cyanide Solution, RQ	Poison B	UN-1689	Extremely Hazardous Waste No. 3-8411 EPA Waste No. P030	131	Sodium Cyanide 8.37 to 9.86 %/WT Cadmium 1.35 to 2.62 %/WT
Phosphate Conversion	256	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.14	111	Turco 4333 9.00 to 11.00 %/WT (Phosphoric Acid, Basic Nickel Carbonate)
Phosphate Seal	285	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032	111	Chromic Acid 0.23 to 0.45 %/WT

TABLE C  
PLANT B-1, BUILDING 140B PROCESS TANKS (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Cadmium Passivate	199	Waste, Chromic Acid Solution	Corrosive Material	UN-1755	EPA Waste No. U032 IT Waste Stream No. 4555.15	132	Chromic Acid 2.9 to 5.7 %/WT
Supplement Chromate Treatment	26	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.11	111	Granodine 90 Chromic Acid 8.8 to 10.9 0.2 to 0.4 %/WT %/WT
Cadmium Strip	46	Waste, Ammonium Nitrate	Oxidizer	NA-1942	EPA Waste No. D001	132	Ammonium Nitrate Dissolved Cadmium 11.5 to 18.3 1 to 3 %/WT %/WT
Acid Activate	60	Waste, Hydrochloric Acid	Corrosive Material	UN-1789	EPA Waste No. D002 IT Waste Stream No. 4555.13	111	Hydrochloric Acid 15 to 30 %/WT
Degreaser	300	Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. U210	211	Perchloroethylene 90 to 100 %/WT



TABLE C  
PLANT B-1, BUILDINGS 151 and 160

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 151</u>							
Alkaline Cleaner	4,321	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA-1719	EPA Waste No. D002 IT Waste Stream No. 4555.8 Casmalia Waste Stream No. WAN 0378	121	Nu-vat Cleaner (Sodium Hydroxide) 5.70 to 10.70 %/WT
Titanium Pickle	3,532	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. D002 IT Waste Stream No. 4555.7	111	Nitric Acid 24.60 to 31.90 %/WT Hydrofluoric Acid 1.5 to 2.0 %/WT
Passivate	3,532	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	IT Waste Stream No. 4555.6	112	Nitric Acid 26.0 to 36.0 %/WT
Phosphate Coating	3,532	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. D002	112	Tri-sodium Phosphate 3.80 to 5.00 %/WT Potassium Fluoride 1.95 to 2.50 %/WT Hydrofluoric Acid 1.30 to 1.50 %/WT

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TABLE C  
PLANT B-1, BUILDINGS 151 and 160 (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Bldg. 160							
Alkaline Cleaner	5,826	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC (Sodium Tetraborate) 3.80 to 5.70 %/WT
Alkaline Etch	5,826	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA-1719	EPA Waste No. U032 IT Waste Stream No. 4555.4 Casmalia Waste Stream No. WAN 0375	111	Sodium Hydroxide Sodium Gluconate 0.70 to 1.00 0.02 to 0.05 %/WT
Deoxidizer	5,826	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.1	111	Chromic Acid Oakite 34 (Flouride Salt, Sodium Bisulfate) 0.60 to 1.80 9.00 to 12.70 %/WT

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TABLE C  
PLANT B-1, BUILDINGS 154 AND 199 PROCESS TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Bldg. 154							
Alkaline Cleaner	149	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC 3.80 to 5.70 (Sodium Tetraborate) %/WT
Deoxidizer	125	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.1	111	Chromic Acid 0.60 to 1.80 %/WT Oakite 34 9.00 to 12.70 %/WT (Flouride Salt, Sodium Basulfate)
Metal Conditioner	125	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 85965	122	Parco 342 0.29 to 0.39 %/WT (Tetrasodium Pyrophosphate, Borax)
Phosphate Coating	125	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Extremely Hazardous Waste No. 3-8411 IT Waste Stream No. 85965	122	Bonderite 176X 11.40 to 12.00 %/WT Neutralizer 270 1.45 to 2.90 %/WT Accelerator 170 1.45 to 2.90 %/WT
Lubricant Soap	125	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		122	Bonderlube 234 5.10 to 5.60 %/WT

TABLE C  
PLANT B-1, BUILDINGS 154 AND 199 PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 199</u>							
Alkaline Cleaner	149	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		122	Alkalume 13 7.00 to 9.00 %/WT
Acid Etch	165	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.18	111	Sodium Dichromate 1.95 to 2.20 %/WT Sulfuric Acid 18.80 to 22.20 %/WT

TABLE C  
PLANT B-6, BUILDINGS 353 AND 352 PROCESS TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 353</u>							
Alkaline Cleaner Aluminum	2,500	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC 2.90 to 3.90 (Sodium Tetraborate) %/WT
Alkaline Cleaner Titanium	2,500	Waste, Alkaline Liquid,	Corrosive Material	UN-1719	EPA Waste No. U032 IT Waste Stream No. 4555.8	122	Turco H.T.C. 5.70 to 8.25 Cleaner (Sodium Hydroxide, Sodium Silicate, Sodium Phosphate) %/WT
Chemical Film	2,500	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. U032 IT Waste Stream No. 4555.9	111	Chromic Acid 0.41 to 0.62 %/WT Alodine 1200S 0.75 to 1.10 %/WT (Sodium Flouborate)
Virgo Salt Bath	2,500	Waste, Sodium Hydroxide, RQ	Corrosive Material	UN-1823	EPA Waste No. D002	141	Sodium Hydroxide 97 to 98 %/WT Sodium Nitrate 2 to 3 %/WT

TABLE C  
PLANT B-6, BUILDINGS 353 AND 352 PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J		
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS		
Titanium Pickle	2,500	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 8-3411 EPA Waste No. D00Z IT Waste Stream No. 4555.7	111	Nitric Acid Hydrofluoric Acid	26.00 to 35.00 2.50 to 4.00	%/WT %/WT
Deoxidizer	2,500	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.1	111	Chromic Acid Oakite 34 (Flouride Salt, Sodium Bisulfate)	0.60 to 1.80 3.80 to 12.70	%/WT %/WT
Titanium Pickle Overflow	2,500	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 8-3411 EPA Waste No. D002 IT Waste Stream No. 4555.7	111	Nitric Acid Hydrofluoric Acid	26.00 to 35.00 2.50 to 4.00	%/WT %/WT
Degreaser	2,500	Waste, 1-1-1 Trichloro- Ethane, RQ	ORM-A	UN-1710	Reclaimable EPA Waste No. U226	211	1-1-1 Trichloro- Ethane	90 to 100	%/WT
<u>Bldg. 352</u>									
Penetrant	250	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		133	Zyglo Penetrant	100 to 100	%/WT

TABLE C  
PLANT B-6, BUILDINGS 371 AND 360 PROCESS TANKS

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 371</u>							
Alkaline Cleaner	673	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	121	Turco 4215 LTNC (Sodium Tetraborate) 2.90 to 3.90 %/WT
Alkaline Etch	673	Waste, Alkaline Liquid, n.o.s.	Corrosive Material	NA-1719	EPA Waste No. D002 IT Waste Stream No. 4555.4 Casmalia Waste Stream No. WAN 0375	111	Sodium Hydroxide Sodium Gluconate 0.70 to 1.00 0.02 to 0.05 %/WT
Immersion Rinse D.I. Cold	673	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		132	Hexavalent Chromium 2.00 to 50.00 ppm
Deoxidizer	673	Waste, Acid, Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. U032 IT Waste Stream No. 4555.1	111	Chromic Acid Oakite 34 (Flouride Salt, Sodium Bisulfate) 0.60 to 1.80 9.00 to 12.70 %/WT

TABLE C  
PLANT B-6, BUILDINGS 371 AND 360 PROCESS TANKS (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J			
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS		
Chemical Film	673	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 8-3411 EPA Waste No. U032 IT Waste Stream No. 4555.9	111	Chromic Acid Alodine 1200S (Sodium Flouborate)	0.41 to 0.62 0.75 to 1.10	%/WT %/WT
Immersion D.I. Hot	673	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-1760		132	Hexavalent Chromium	2.00 to 50.00	ppm
Bldg. 360									
Alkaline Cleaner	702	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC (Sodium Tetraborate)	2.90 to 3.90	%/WT
Deoxidizer	702	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.1 Casmalia Waste Stream No. WAN 0379	111	Chromic Acid Diversey 514 (Sodium Bisulfate)	0.60 to 1.80 8.25 to 13.00	%/WT %/WT



TABLE C  
PLANT B-6, BUILDINGS 371 AND 360 PROCESS TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Chemical Film	199	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. D002 IT Waste Stream No. 4555.9	111	Chromic Acid      0.41 to 0.62 Alodine 1200S      0.75 to 1.10 (Sodium Flouborate)

TABLE C  
PLANT 10, PALMDALE PROCESS TANKS

Waste Manifest Item #		11	11	11	15	I	J		
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS		
<u>Bldg. 601</u>									
Alkaline Cleaner	1,505	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 LTNC (Sodium Tetraborate)	2.90 to 3.90	%/WT
Chemical Film	1,456	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	Extremely Hazardous Waste No. 3-8411 EPA Waste No. D002 IT Waste Stream No. 4555.9	111	Chromic Acid Alodine 1200S (Sodium Flouborate)	0.41 to 0.62 0.75 to 1.10	%/WT %/WT
Deoxidizer	1,000	Waste, Acid Liquid, n.o.s.	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.25 Casmalia Waste Stream No. WAN 0379	111	Chromic Acid Diversey 514 (Sodium Bisulfate)	0.60 to 1.80 8.25 to 13.00	%/WT %/WT
Degreaser	2,000	Waste, Perchloro- ethylene	ORM-A	UN-1897	Reclaimable EPA Waste No. D002	211	Perchloro- ethylene	90.00 to 100.00	%/WT

TABLE D  
HAZARDOUS WASTE MANIFEST DATA

SUMPS, PITS, HOLDING AND STORAGE TANKS

INDEX

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TABLE D  
PLANT A-1, SUMPS, PITS, HOLDING AND STORAGE TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 32</u>							
Photo Chemicals	6,800	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste No. No. 4562	134	Waste Photo Chemicals 4.00 to 5.00 %/WT
Salt Brine Softener Re- frigeration	5,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		135	Sodium Chloride 6.50 to 7.50 %/WT
<u>Bldg. 65A</u>							
Storage of Used Hydraulic Oil	12,500	Hazardous Waste, Liquid, n.o.s. (Hydraulic Oil)	ORM-E	NA-9189	Reclaimable	221	Hydraulic Oil 95.00 to 100.00 %/WT
<u>Bldg. 70</u>							
Yard for Holding Water Soluable Oil	10,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Reclaimable IT Waste Stream No. 4555-17	134	Soluble Machine Machine Oil 3.70 to 3.90 %/WT

TABLE D  
PLANT A-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Yard for Catching Dock Drain- age Includ- ing Chemical Spillage	1,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		135	Hexavalent Chromium  10.00 to 15.00 PPM
<u>Bldg. 93</u>							
Perchlor Storage Tank	2,000	Waste, Perchloro- ethylene	ORM-A	UN-1702	Reclaimable EPA Waste No. U210	211	Perchloro- ethylene  100.00 to 100.00 %/WT

TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 113</u>							
Chromic Acid Anodize Holding Tank for Spent Chemicals,	5,000	Waste, Acid Liquid n.o.s., RQ	Corrosive Material	NA-1760	EPA Waste No. D002 IT Waste Stream No. 4555.20	111	Sodium Dichromate- Sulfuric Acid 2.60 to 5.00 21.00 to 24.30 %/WT %/WT
Case 1 Acid Etch Storage	5,000	Waste, Acid Liquid, n.o.s., RQ	Corrosive Material	UN-1755	EPA Waste No. U032 IT Waste Stream No. 4555.19	111	Chromic Acid 4.80 to 9.30 %/WT
Case 2 Alkaline Cleaner	5,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 4555.2 Casmalia Waste Stream No. WAN 0374	122	Turco 4215 L.T.N.C. 2.90 to 4.30 %/WT
<u>Bldg. 119</u>							
Reverse Osmosis Sulfuric Acid Day Tank	100	Waste Acid Liquid, n.o.s.	Corrosive Material	UN-1775	EPA Waste No. D002	111	Sulfuric Acid 98.00 %/WT

TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 125</u>							
Primer Booth	2,633	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		134	Paint Sludge 8.00 to 10.00 %/WT
Demineralizer Storage Tank for Sulfuric Acid	1,000	Waste, Sulfuric Acid, RQ	Corrosive Material	UN-1830	Reclaimable EPA Waste No. D002 IT Waste Stream No. 85645	112	Sulfuric Acid 95.50 to 96.00 %/WT
Demineralizer Storage Tank for Sodium Hydroxide	1,000	Waste, Sodium Hydroxide, Solution, RQ	Corrosive Material	UN-1824	Reclaimable EPA Waste No. D002	122	Sodium Hydroxide 49.00 to 50.00 %/WT
Treatment Clarifiers Sodium Hydroxide Storage Tank	1,000	Waste, Sodium Hydroxide, Solution, RQ	Corrosive Material	UN-1824	Reclaimable EPA Waste No. D002	122	Sodium Hydroxide 49.00 to 50.00 %/WT

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TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Treatment Clarifiers Sodium Meta Bisulfite Storage Tank	4,000	Waste, Sodium Hydrogen Sulphite, Solution	Corrosive Material	NA-2693	Reclaimable EPA Waste No. D002	112	Sodium Hydrogen Sulphite 37.70 to 38.00 %/WT
Treatment Clarifiers Phosphoric Acid Stor- age Tank	4,000	Waste, Phosphoric Acid, RQ	Corrosive Material	UN-1805	Reclaimable EPA Waste No. D002	111	Phosphoric Acid 74.50 to 75.00 %/WT
Treatment Clarifiers 3 & 4 Chromic Hydroxide Sludge	5,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	EPA No. U032 IT Waste Stream No. 4797	241	Chromic Hydroxide 5.00 %/WT

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TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I.	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 140B</u>							
Dock Cleaner Holding Tank	1,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		122	Altrex 1077 2.90 to 3.90 %/WT
<u>Bldg. 141</u>							
Car Wash Holding Tank							Spare Tank
<u>Bldg. 149</u>							
Paint Booth	2,500	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		122	Over Spray Sludge 5.00 to 6.00 %/WT
<u>Bldg. 149</u>							
Waste Oil	500	Waste, Petroleum Oil, n.o.s.	Combustible Liquid	NA-1270	Reclaimable EPA Waste No. D001	221	Waste Oil 95.00 to 100.00 %/WT

TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Water Soluable Oil Holding Tanks (3 identical tanks)	2,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9188	Reclaimable	171	Waste Coolant 2.00 to 4.00 %/WT
<u>Bldg. 151</u>							
Chemical Rinse Hold- ing Tank	4,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		123	Sundry Chemicals .50 to 1.00 %/WT
<u>Bldg. 155</u>							
Phosphoric Storage Tank	8,000	Waste, Phosphoric Acid, RQ	Corrosive Material	UN-1805	Reclaimable EPA Waste No. D002	111	Phosphoric Acid 74.80 to 75.00 %/WT
Sodium Bi- sulfite Storage Storage Tank	8,000	Waste, Sodium Hydrogen Sulphite, Solution	Corrosive Material	NA-2693	Reclaimable EPA Waste No. D002	112	Sodium Bisulfite 74.80 to 75.00 %/WT

TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 158</u>							
Water Soluble Oil Holding Tank	2,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Reclaimable IT Waste Stream No. 4555.17	134	Soluble Machine Oil 3.70 to 3.90 %/WT
Water Soluble Oil Holding Tank (2 identical tanks)	2,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Reclaimable IT Waste Stream No. 4555.17	134	Soluble Machine Oil 3.70 to 3.90 %/WT
<u>Bldg. 166</u>							
Mildly Alkaline Rinse Water	5,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		122	Sodium Hydroxide 1.50 to 2.00 %/WT
<u>Bldg. 199</u>							
Rinse Water Holding Tank	1,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189		135	Sodium Chloride 3.00 to 3.50 %/WT

TABLE D  
PLANT B-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
Waste Solvents		Waste, Flammable Liquid, n.o.s.	Flammable	UN-1993	Reclaimable EPA Waste No. D001	212	Methyl Ethyl Ketone 22.00 to 26.00 %/WT Acetone 4.00 to 5.00 %/WT Paint 54.00 to 65.00 %/WT Alcohol 3.00 to 4.00 %/WT
Paint Sludge		Waste, Flammable Solid, n.o.s.	Flammable	UN-1325	EPA Waste No. D001	461	Paint Sludge 97.00 to 100.00 %/WT
<u>Bldg. 194</u>							
Yard for Holding Waste Coolant	10,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Reclaimable IT Waste Stream No. 4555.17	134	Soluble Machine Oil 3.70 to 3.90 %/WT

TABLE D  
PLANT B-6 AND PLANT C-1, SUMPS, PITS, HOLDING AND STORAGE TANKS

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>PLANT B-6 - Bldg. 84</u>							
Holding Tank for Boiler Waste	5,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 85966 Casmalia Waste Stream No. WAN 0381	135	Salts from Incoming Water 2,800 to 3,000 PPM
<u>PLANT B-6 - Bldg. 349</u>							
Holding Tank for Washrack Waste	10,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	IT Waste Stream No. 8574	135	Aircraft Cleaner 1.00 to 2.00 %/WT
Holding Pit for Water & Paint Over-Spray Residue	1,500	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-1993	IT Waste Stream No. 4556.3	135	Paint Residue 2.00 to 4.00 %/WT

TABLE D  
PLANT B-6 AND PLANT C-1, SUMPS, PITS, HOLDING AND STORAGE TANKS (CONT'D)

Waste Manifest Item #		11	11	11	15	I	J		
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS		
<u>PLANT B-6 - Bldg. 371</u>									
Berm for Rinse Water	5,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-9189	Casmalia Waste Stream No. WAN 5163	135	Chromic Acid & Kerosene	< 50 1	PPM %/WT
<u>PLANT C-1 - Bldg. 41</u>									
Waste Coolant	6,000	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA-1993	Reclaimable	134	Soluble Machine Oil	3.90 to 37.00	%/WT

TABLE D  
PLANT 10 HOLDING TANKS

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Bldg. 602</u>	10,000	Waste, Petroleum Oil, n.o.s.	Combusti- ble	NA-1270	Reclaimable EPA Waste No. D001	214	Hydraulic Oil 99.00 to 100.00 %/WT
<u>Bldg. 610</u>							
South Clari- fier for Holding Paint Stripper	1,250	Waste, Compound, Cleaning, Liquid	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 4555.24 Casmalia Waste Stream No. WAN 5148	211	Methylene Chloride 0.20 to 1.00 %/WT
East Clari- fier Holding Tank	1,250	Waste, Compound, Cleaning, Liquid	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 85297 Casmalia Waste Stream No. WAN 5148	211	Methylene Chloride 0.20 - 1.00 %/WT

TABLE D  
PLANT 10 HOLDING TANKS (CONT'D)

Waste Manifest Item #	11	11	11	15	I	J	
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
East Clari- fier Area Holding Tank	10,000	Waste, Compound, Cleaning, Liquid	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 85297 Casmalia Waste Stream No. WAN 5148	211	Methylene Chloride 0.20 - 1.00 %/WT
Eastside Holding Tank	3,000	Waste, Compound, Cleaning, Liquid	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 85297 Casmalia Waste Stream No. WAN 5148	211	Methylene Chloride 0.20 to 1.00 %/WT
<u>Bldg. 604</u>							
Stream Cleaning Tank	6,000	Hazardous Waste Liquid, n.o.s.	ORM-E	NA 1760		134	Oil & Grease Residues Water 5%/WT 95%/WT



TABLE D  
U.S. AIR FORCE SITES 2 AND 7 HOLDING TANKS

Waste Manifest Item #		11	11	11	15	I	J
DESCRIPTION OF TANKS	VOLUME GALLONS	U.S. DOT SHIPPING NAME	U.S. DOT HAZARD CLASS	U.S. DOT ID NUMBER	SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION	WASTE NUMBER	ADDITIONAL DESCRIPTIONS
<u>Site 2: Bldg. 211</u>							
Clarifier for Spent Paint Stripper and Paint Residue	3,000	Waste Paint or Paint Related Materials	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 4556.1 Casmalia Waste Stream No. WAN 5150	211	Paint Stripper and Paint Residue 5.00 to 6.00 %/W
Holding Tanks (3) for Spent Paint Stripper and Paint Residue	5,000/ Tank	Waste Paint or Paint Related Materials	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 4556.2	211	Paint Stripper and Paint Residue 5.00 to 6.00 %/W
<u>Site 7: Bldg. 727</u>							
Holding Tank for Spent Paint Stripper & Paint Residue	6,000	Waste Paint or Paint Related Materials	Corrosive Material	NA-1760	EPA Waste No. U080 IT Waste Stream No. 4556.2 Casmalia Waste Stream No. WAN 5149	211	Paint Stripper and Paint Residue 5.00 to 6.00 %/W

TABLE E  
CALAC EPA ID NUMBERS

Plant	Number	Address
A-1	CAD008255283	2555 N. Hollywood Way, Burbank, CA 91520
B-1	CAD045256187	1705 Victory Place, Burbank, CA 91520
B-6	CAD000630061	2801 N. Hollywood Way, Burbank, CA 91520
10	CAD009679077	1011 Lockheed Way, Palmdale, CA 93550
2	CAD000629741	Saugus, CA 91350
C-1	CAD000630061	10720 Sherman Way, Burbank, CA 91520
12	EPA Exempt	11950 Mona Blvd., Lynwood, CA 90262
<u>U.S. Air Force Plant</u>		
42 - Site 2	CA5570090048	20th Street East and Avenue M, Palmdale, CA 93550
42 - Site 7	CA6570090047	20th Street East and Avenue O, Palmdale, CA 93550

TABLE F  
TREATMENT, STORAGE, AND DISPOSAL FACILITIES

Facility	E.P.A. I.D. Number		Services
Lockheed Plant B-1 Waste Transfer Facility 1705 Victory Place Burbank, CA 91520 (818) 847-6803	CAD045256187	Transfer Station	- Drummed Solvents/Waste Thinners - Contaminated Oil - Miscellaneous Drummed Waste
IT Corporation 896 Waterbird Street Martinez, CA 94554 (213) 830-1781	CAD000094771	Landfill	- Bulk Spent Processing Solutions - Miscellaneous Bulk Liquid Waste
Casmalia Resources NTU Road Casmalia, CA 93429 (805) 937-8449	CAD020748125	Landfill	- Containerized Solidified Waste - Contaminated Soils - Flammable Solid Wastes
BKK 2210 S. Azusa Ave. West Covina, CA 91791 (818) 965-0911	CAD067786749	Landfill	- Waste Asbestos
Oil & Solvent Processing Company 1704 West First Street Azusa, Ca 91702 (213) 334-5117	CAD008302903	Recycler	- Non-chlorinated Waste Solvents
Baron Blakeslee 680 So. Sepulveda Blvd. El Segundo, CA 90245 (213) 640-9732	CAD097465132	Recycler	- Methylene Chloride - Perchloroethylene - I-I-I Trichlorethylene - Miscellaneous Waste Chlorinated Solvents
Triple J Treatment Center Chem Tech Systems, Inc. 3650 E. 26th. Street Vernon, CA 90023 (213) 268-5056	CAT080033681	Recycler	- Oil/Water Mixtures - Waste Coolants
Demunno-Kerdoon 2000 N. Alameda Compton, CA 90222 (213) 537-7100	CAT080013352	Recycler	- Waste Oils - Waste Jet Fuels

TABLE F  
TREATMENT, STORAGE, AND DISPOSAL FACILITIES (CONT'D)

Facility	E.P.A. ID Number	Services
Ensco Disposal American Oil Road El Dorado, Arkansas 71730 (501) 863-7173	ARD869748192	Waste Treatment - Waste Polychlorinated Facility Biphenyls
U.S. Ecology Highway 95 Beatty, Nevada (702) 553-2203	NVT330010000	Waste Treatment - Waste Polychlorinated Facility Biphenyls

TABLE G  
WASTE TRANSPORT SERVICES

Waste Transporter	E.P.A. I.D. Number	Services
Lockheed Traffic and Transportation Dept. D/54-50, B/321T, P/B-6 (818) 847-7610	CAD045256187	- Transport Containerized/Miscellaneous Wastes from Calac Sites to the Plant B-1 Waste Transfer Facility.
United Pumping Service 14016 E. Valley Blvd. City of Industry, CA 91746 (818) 961-9326	CAD072953771	- Transport Containerized Solidified Waste, Heavy Metal Sludge and Contaminated Soils to Casmalia Landfill - Transport Bulk Spent Processing Solutions to IT Landfill - Transport Chlorinated Waste Solutions to Baron Blakelee Recyclers - Provide General Pumping and Emergency Spill Services
J.C. Incorporated 3650 E. 26th Street Vernon, CA 90023 (213) 268-3137	CAD058018367	- Transport Oil/Water Mixtures and Waste Coolants to Triple J Recyclers
I.T. Corporation 336 W. Anaheim St Wilmington, CA 90744 (213) 830-1720	CAD000057760	- Transport Waste Polychlorinated Biphenyls to Ensco Disposal or U.S. Ecology Waste Treatment Facility - Transport Miscellaneous Processing Solutions to I.T. Landfill - Provide General Pumping and Emergency Spill Services
Western Waste Industries 19803 South Main Street Carson, CA 90745 (213) 327-2522	CAD041678137	- Transport Flammable Solid Waste to Casmalia Landfill - Transport Waste Asbestos to BKK Landfill
Asbury Oil Company 2100 N. Alameda Compton, CA 90222 (213) 321-1392	CAD028277030	- Transport Waste Oils and Waste Jet Fuels to Demenno-Kerdoon Recyclers

TABLE H  
AUTHORIZED REQUESTORS  
HAZARDOUS WASTE BULK HAULING

EMPL. NAME	EMPL. #	DEPT.	SHIFT	BUILDING	PLANT	EXTENSION
G. Abramson	246987	39-03		85	A-1	7-5144
T. Carberry	432430	39-03		85	A-1	7-5144
M. Hofflich	246828	39-03		85	A-1	7-5980
C. Miesse	477161	39-03		85	A-1	7-5144
D. Parker	E01219	39-02		85	A-1	7-5144
L. Casas	443628	39-10	Swing	72	A-1	7-7881
M. Klasna	432727	39-10	Gvyrd.	370	B-6	7-2301
L. Baio	488181	39-11	Gvyrd.	160	B-1	7-5672
R. Berneman	461054	39-11		140	B-1	7-5043
D. Bretches	472463	39-11		145	B-1	7-4657
C. Czuzak	404265	39-11	Swing	160	B-1	7-5672
L. Harris	432907	39-11		160	B-1	7-5672
T. Lindsay	481498	39-11		160	B-1	7-5672
T. Manahan	222619	39-11		145	B-1	7-8399
H. McIntyre	222577	39-11		125	B-1	7-8399
N. Rowan	468650	39-11		160	B-1	7-5672
B. Shamblin	082798	39-11		140	B-1	7-6988
B. Vogel	441488	39-11		145	B-1	7-3823
R. Wertz	425934	39-11		125	B-1	7-8399
L. Altuna	231501	39-12	Swing	29	C-1	7-3668
R. Bowling	231441	39-12		199	B-1	7-7589
M. Domes	483684	39-12		371	B-6	7-4253
H. Kluewer	484611	39-12		370	B-6	7-2301
W. Kravits	238939	39-12		346	B-6	7-1798
H. Larson	447541	39-12	Swing	352	B-6	7-3420
D. Mohr	479181	39-12		370	B-6	7-2301
S. Nooman	443963	39-12		29	C-1	7-3668
R. Oteri	222013	39-12	Swing	370	B-6	7-2301
L. Torchio	443635	39-12		20	C-1	7-3668
J. Benanti	488728	39-21		60	A-1	7-2430
C. Brewer	485784	39-21		72	A-1	7-7881
M. Imiola	445359	39-21		210	2	216
H. Lowe	448353	39-21		72	A-1	7-7881
T. Wilson	249021	39-21	Swing	72	A-1	7-7881
J. Beebe	404753	39-22		604	10	2228
J. Harper	444004	39-22		604	10	2221
B. Huse	452221	39-22	Swing	604	10	2221
R. Smith	482616	39-22		604	10	2221
T. Zimmerman	497363	39-22		604	10	2221
L. Cox	229180	39-23		604	10	2221
D. Fourr	472088	39-23		210	Site 2	3185
C. Nutt	479748	39-23	Swing	210	Site 2	3185
M. Thompson	488330	39-23		726	Site 7	2661
P. Coupland	414766	39-37		371	B-6	7-8484
W. Lane	147117	39-37		82	B-6	7-4226

TABLE H  
AUTHORIZED REQUESTORS  
HAZARDOUS WASTE BULK HAULING

EMPL. NAME	EMPL. #	DEPT.	SHIFT	BUILDING	PLANT	EXTENSION
R. Verhoff	445400	39-40		85	A-1	7-1880
G. Popejoy	233731	40-55		371	B-6	7-3505
B. Swann	345561	40-55		379	B-6	7-3272
G. Brace	407397	57-25		180	B-1	7-2167
E. Guillemin	331064	57-25		Dock 70	A-1	7-6814
R. Hollway	136787	57-25		180	B-1	7-7363
D. Valenzuela	414610	57-25		140B	B-1	7-3249
L. Cresse	235395	64-15		74	A-1	7-4964
E. Tate	231917	64-16		74	A-1	7-1327
C. Krause	146057	74-81		360	B-6	7-5520
M. Hidalgo	435375	74-85		360	B-6	7-2961
D. Hamilton	932110	74-85		360	B-6	7-2961
P. Johnson	247072	90-52		85A	A-1	7-3091
P. Shiroma	220228	90-52		85A	A-1	7-3091

NOTE: Confirm TSDF availability with the waste transporter prior to scheduling the shipment, whenever possible.

TABLE I  
DISTRIBUTION OF HAZARDOUS WASTE MANIFEST COPIES

	Intra-Plant Shipments	Inter-Plant Shipments	Offsite Shipments
First Page (White)	Accompanies shipment to B-1 Waste Transfer Facility. (facility copy)	Accompanies shipment to B-1 Waste Transfer Facility. Signed by Reclamation, forwarded to Environmental Engineering for transmittal to DOHS.	Accompanies shipment to disposal facility. Forwarded to DOHS.
Second Page (Blue)	Discard.	Copied and filed by Originating Department. Forward original to Environmental Engineering for transmittal to DOHS.	Copied and filed by Originating Department. Forward original Environmental Engineering for transmittal to DOHS.
Third Page (Yellow)	Accompanies shipment to B-1 Waste Transfer Facility. Signed by Reclamation, forwarded to Environmental Engineering for filing.	Accompanies shipment to B-1 Waste Transfer Facility. Signed by Reclamation, forwarded to Environmental Engineering for filing.	Accompanies shipment to disposal facility. Forwarded to Environmental Engineering for filing.
Fourth Page (Yellow)	Retained by originating department.	Forwarded by originating department Environmental Engineering for filing.	Forwarded by originating department to Environmental Engineering for filing.
Fifth Page (Green)	Discard.	Retained by Traffic and Transportation department.	Retained by waste hauler.
Sixth Page (White)	Accompanies shipment to B-1 Waste Transfer Facility (facility copy).	Accompanies shipment to B-1 Waste Transfer Facility (facility copy).	Accompanies shipment to disposal facility (facility copy).



TABLE A  
HAZARDOUS WASTE HANDLING/TRANSPORT  
DEPARTMENT RESPONSIBILITIES

